

AD-A159 863 LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY 'LISOC'  
GILZE-RIJEN NETHERLANDS(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. 05 AUG 85  
UNCLASSIFIED USAFETAC/DS-85/042 F/G 4/2

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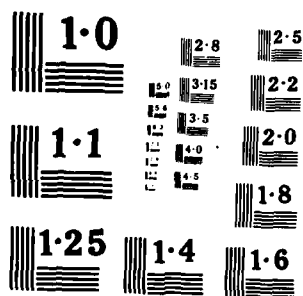
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FOR THE COMMANDER

*Wayne E. McCollom*

WAYNE E. MCCOLLUM

Chief, Document Research Section  
USAFSTAC/LDX



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SECURITY CLASSIFICATION OF THIS PAGE

AD-A159863

## REPORT DOCUMENTATION PAGE

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FIELD	GROUP	SUB-GROUP	*climatology *weather Meteorological conditions		
04	02		(continued over)		
19 ABSTRACT (Continue on reverse if necessary and identify by block number)					
<p>A statistical data summary of surface weather observation climatology for:  <b>GILZE-RIJEN NETHERLANDS.</b></p> <p>This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.</p>					
20 DISTRIBUTION/AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT <input type="checkbox"/> DTIC USERS			21 ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield			22b TELEPHONE (Include Area Code) (618) 256-2625		22c OFFICE SYMBOL USAFETAC/LOD

DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted  
All other editions are obsolete

SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

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18. Subject terms cont.

winds	precipitation	temperature	visibility
barometric pressure		relative humidity	
sky cover	psychrometric data		ceiling

Limited Surface Observations Climatic Summary  
LISOCs

GILZE-RIJEN NETHERLANDS  
NL 063500

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 DTIC Class \_\_\_\_\_  
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By \_\_\_\_\_  
 District Office \_\_\_\_\_  
 Available to General \_\_\_\_\_  
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This product was produced using data obtained from official meteorological observations transmitted over weather communication networks. Some NOAA and their equivalent were not available to check for data accuracy, however, inter and intra observation continuity and consistency checks were conducted by processing the data through our automatic quality assurance procedures. These summaries are considered accurate and representative within data availability limitations.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARIES  
(LISOCs)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description preceeds each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
063500	GILZE-RIJEN NETHERLANDS	N 51 34	E 004 56	42 FT	EHGR	

### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARD	
1	Gilze-Rijen Netherlands	Foreign Civilian	Apr 75	Mar 85	N 51 34	E 004 56	42 FT	Unkr	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	N/A	N/A	N/A	N/A	N/A	

CONTINUED ON REVERSE SIDE

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.



# WEATHER CONDITIONS

STATION 121 STATION NAME 121 YEARS 1951 MONTH 1951

UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF MARINE SERVICE

MONTH	HOURS LOG	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1			10.0	1.0	4.0		10.0	37.0	1.0			4.0	52
2			10.0	1.0	4.0	.1	10.0	37.0	1.0	.1	.1	40.0	52
3		.1	10.0	1.0	4.0		10.0	37.0	1.0			40.0	51
4			10.0	1.0	4.0		10.0	37.0	1.0			40.0	51
5		.1	10.0	.0	7.0		10.0	37.0	7.0			40.0	51
6			10.0	.0	4.0		10.0	37.0	.0			40.0	51
7			10.0	.0	4.0	.1	10.0	37.0	4.0			40.0	51
8			10.0	.0	4.0		10.0	37.0	1.0			40.0	51
9			10.0	.0	4.0		10.0	37.0	1.0			40.0	51
10			10.0	.0	4.0		10.0	37.0	1.0			40.0	51
11			10.0	.0	4.0		10.0	37.0	1.0			40.0	51
12			10.0	.0	4.0		10.0	37.0	1.0			40.0	51
TOTALS		.1	10.0	.0	4.0	.1	10.0	37.0	4.0	.1	.1	40.0	51

## WEATHER CONDITIONS

STATION NO. \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_

1. TIME OF OBSERVATION OF WEATHER  
2. LOCATION FROM WHICH OBSERVATION

MONTH	HOURS OBS.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
-	-		1.0		1.0		13.3	44.0	3.0			10.0	270
-	-		1.0		3.0		1.0	55.6	1.1			12.0	760
-	-	1.0	11.0	1.0	1.0		10.6	54.9	1.1		1.0	30.0	750
-	-		1.1	1.0	4.0		10.0	51.6	7.0			00.1	760
-	-		1.0	1.0	4.0		10.0	51.6	7.0			1.0	770
-	-		1.0	1.0	4.0	1.0	10.6	57.0	2.0			10.1	781
-	-		1.0	1.0	3.0		10.7	50.9	14.0			1.0	774
-	-		1.4	1.0	2.0		10.7	44.8	7.0			11.0	740
TOTALS		1.0	1.0	1.4	1.0	1.0	13.3	44.5	10.1		1.0	53.0	6110

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0300-0500

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 STATION: AIR WEATHER SERVICE/MAAC 1700H HOURLY OBSERVATIONS

STATION NUMBER: 005500 STATION NAME: GILZE-RIJN NETHERLANDS PERIOD OF RECORD: 76-85  
 MONTH: JAN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.6	.9	.9							2.7	8.3
NNE	.2	1.1	1.0	.4	.1						2.9	7.0
NE	.2	.9	1.5	.7	.1						3.5	8.6
NNE	.2	1.4	2.2	1.0		.1					5.0	8.4
E		.4	.4	1.4	.5						2.6	12.4
ESE	.5	1.2	.6	.4							2.7	6.2
SE	.5	2.2	2.0	.5		.1					5.3	6.7
SSE	.6	.7	1.1	.9	.4						3.7	8.6
S	1.6	1.9	2.6	2.7	1.0						9.8	9.0
SSW	.5	1.4	2.9	3.7	1.1						10.5	10.1
SW	.4	2.5	3.1	3.7	2.0	.4	.1				12.2	11.4
WSW	1.5	2.4	3.1	2.6	1.2	.6	.2	.2			11.9	11.0
W	1.0	3.5	3.5	5.5	1.1	1.5	.1				16.1	11.4
WNW	.1	.9	1.9	1.2	.7	.1					5.0	10.5
NW	.1	.5	.2	1.0	.4						2.2	11.4
NNW	.7	.6	.5	.2							2.1	5.7
VARIABLE	1.5										1.5	1.5
CALM	////////////////////										.2	////
TOTAL	10.2	23.1	27.4	26.8	8.7	2.9	.5	.2			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 936

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

# WEATHER CONDITIONS

STATION 10000 THE PLAINS 75-55 YEARS ALL MONTH

TABLE PRESENTS FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	111	.	11.0	.	4.2	.	12.1	34.2	4.2	.	.	42.1	6537
		.	9.6	.	3.1	.	13.5	44.3	10.1		.	53.6	6119
		.	14.2		1.2	.1	15.2	31.9	9.5		.1	41.3	6659
		.	10.1		.	.	10.4	21.4	10.9		.	32.2	6346
		.	11.3		.1		11.4	15.6	8.9		.	24.5	6244
		1.2	8.9				9.4	22.0	10.1			32.0	6253
		1.2	8.9			.	8.6	23.1	10.8			33.7	6267
		.	8.4				8.4	26.7	14.5			41.2	6571
		.	8.1				8.1	32.5	11.5		.1	43.2	6565
		.	11.3		.	.	11.3	30.7	6.2			46.4	6727
		.1	14.1	.1	.9	.0	15.5	37.1	3.6		.	41.7	6495
		.1	14.0	.4	3.1	.0	16.4	44.1	3.6		.	47.6	6545
TOTALS		.	11.1	.2	1.2	.	12.3	31.2	6.8	.0	.	39.8	77182

STATION DEER ISLAND, N. H. ISLANDS 75-14 DEC 1964  
 STATION NAME YEARS MONTH

2. CENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

## WEATHER CONDITIONS

STATION NAME LAKE CHARLES YEARS 75-84 MONTH NOV

UNITED STATES DEPARTMENT OF COMMERCE  
OFFICE OF MARINE WEATHER SERVICE  
FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
Nov	-		14.0	.9	.5		15.5	32.7	2.4			40.4	823
	-	.2	14.1	.9	.7		14.8	41.1	2.0			42.4	823
	-		14.3		1.7		16.0	47.7	1.3			46.9	826
	- 1	.2	14.2		1.5		16.3	45.9	2.0			46.4	817
	- 1	.1	13.3	.1	.7	.1	13.7	31.7	9.3		.1	42.4	816
	- 1	.1	13.3	.1	.5		16.3	30.0	4.0			37.4	802
	- 1	.2	13.7		.7		16.7	31.3	2.0			33.7	804
	- 1		14.4	.1	.5		15.4	32.5	2.0			34.4	790
TOTALS		.1	14.0	.1	.9	.0	15.5	37.1	3.6		.1	40.7	6495



## WEATHER CONDITIONS

STATION 1076-1077, N. H. H. PLAN 5 STATION NAME 75-H4 YEARS 301 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	1-11	.1	11.6				11.6	47.8	2.1			49.9	942
	-	.1	11.6				11.6	53.1	.6			53.4	852
	1-11	.1	13.0		.1		13.6	55.5	.7			56.2	836
	-11		11.6				11.6	44.3	6.1			51.6	806
	1-11	.1	11.6				11.4	19.3	25.0			19.2	857
	1-11	.1	1.6			.1	10.7	18.1	25.1			35.4	830
	1-11	.4	1.6				9.6	32.7	6.4			40.6	842
	1-11	.1	10.4				10.4	42.2	3.3			45.3	827
TOTALS		.1	11.3		.1	.0	11.3	32.7	8.0			46.4	6727



# WEATHER CONDITIONS

STATION NAME

75-44

YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	0-3	.1	1.2				4.2	44.2	3.6			47.5	816
	4-7	.2	1.9				4.9	53.7	2.2			55.7	829
	8-11	.1	5.3				8.3	63.7	1.5			65.0	818
	12-15		1.7				10.7	33.0	14.5		.2	47.2	815
	16-19	.2	1.0				10.0	9.3	22.6		.2	31.7	841
	20-23	.5	10.1				10.1	5.6	20.5		.2	26.2	822
	24-27	1.1	7.4				7.4	18.1	16.5			33.3	828
	28-31	.4	9.3				9.3	32.7	5.8			38.3	817
TOTALS		.3	9.1				9.1	32.5	11.0		.1	43.2	6585

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 08-25-2010 BY 60322 UCBAW

## WEATHER CONDITIONS

STATION	STATION NAME

75-94

200

STATION

STATION NAME

YEARS

MONTI

### 2. DETAILED FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-1		0	0.6				0.0	41.6	0.4			44.0	927
1-2		1.0	0.3				0.3	50.0	0.4			50.7	920
1-3		0	0.5				0.5	50.9	4.3			55.7	430
1-4		0.5	0.3				4.3	21.0	24.0			49.3	930
1-10		0.4	0.0				0	4.2	27.1			31.3	903
1-11		1.0	0.0				0	1.1	23.0			24.1	910
1-20		1.5	0.2				0.2	0.0	21.7			21.9	923
1-23		0	0.6				0.0	27.1	1.0			28.1	928
TOTALS		0.1	0.4				0.4	26.7	14.0			41.1	6571



USAFETAC <sup>FORM</sup> JULY 54 0-10 5 (OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# WEATHER CONDITIONS

STATION 1114471000 STATION NAME 75-84 JUL MONTH  
 STATION MONTH

PER CENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-1	1-1	1.5	0.0				0.0	31.3	2.0			33.0	1007
1-2	1-2	0.0	9.5				9.5	46.4	1.4			47.3	763
1-3	1-3	0.0	12.1				12.1	40.1	0.1			48.2	760
1-4	1-4	1.2	7.8				9.0	14.3	15.9			33.0	777
1-5	1-5	0.0	7.2				7.2	3.6	16.4			21.0	756
1-6	1-6	1.0	0.7			0.1	1.8	0.7	17.3			19.0	767
1-7	1-7	1.0	0.0				0.0	3.4	12.7			15.9	773
1-8	1-8	1.7	0.2				0.2	10.2	9.0			26.0	803
TOTALS		1.2	0.0			0.0	3.0	20.1	10.0			30.7	6767

# WEATHER CONDITIONS

STATION SCHEFFIELD, NETHERLANDS YEARS 75-84 MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-12	1-12	1.0	1.9				9.9	28.1	3.6			31.7	732
	1-12	.7	9.7				9.7	47.3	3.0			50.2	755
	1-12	.4	11.9				11.9	39.5	7.0			45.9	762
	1-12	.7	11.7				11.7	11.6	19.0			30.6	768
	1-12	1.7	9.9				9.9	9.1	13.3			20.1	766
	1-12	1.7	10.7				10.7	4.3	13.3			17.6	750
	1-12	1.0	9.1				9.1	6.1	11.4			17.4	772
	1-12	.0	7.2				7.2	18.3	6.2			26.3	748
TOTALS		1.2	9.9				9.9	20.0	10.1			30.0	6053

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4

ALBUQUERQUE, NM - HANCOCK  
TAF  
A - 10-5(OL A)

# WEATHER CONDITIONS

STATION NAME: ALBUQUERQUE, NM - HANCOCK TAF  
STATION NAME: ALBUQUERQUE, NM - HANCOCK TAF  
75-54  
YEARS  
MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	1-10	.2	10.2				10.2	24.5	3.3			31.9	813
	1-11	.4	11.2		.1		11.2	42.2	3.3			45.4	766
	1-12	.1	12.6		.5		12.6	39.8	8.6			45.6	797
	1-13	.5	11.1				11.1	13.4	16.5			29.5	769
	1-14	.5	11.3		.3		11.3	4.3	13.7		.1	19.2	793
	1-15	1.4	10.7				12.7	3.4	10.2			14.2	759
	1-16	2.3	11.6		.1		11.9	7.0	10.2			17.1	772
	1-25	1.0	11.4		.1		11.5	19.4	6.9			26.2	780
TOTALS		1.0	11.3		.1		11.4	19.8	8.9		.2	28.1	6244

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 05-01-2001 BY 60322 UC

## WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
	1000 4874-4875	75-84	APR

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST.	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1 -		.2	1.7		.1	.2	11.1	25.2	4.5			72.7	311
2 -			.4		.5		5.9	41.1	3.			44.1	746
3 -			1.1		.7		12.3	45.9	5.5			51.2	791
4 -			1.3		.5		15.7	17.7	15.5			34.5	774
5 -		.1	11.1		.5	.1	11.4	5.4	10.5			22.7	795
6 -		.1	10.2		.4		10.3	5.7	15.5			21.1	783
7 -		.3	9.2		.4		9.5	5.8	14.8		.1	23.5	791
8 -		.2	8.9		.4		9.7	17.7	7.7		.1	27.4	807
9 -													
10 -													
11 -													
12 -													
TOTALS			10.1		.4	.0	10.4	21.4	15.9		.1	32.2	6346



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31. THE STATION NAME  
 32. THE STATION LOCATION  
 33. THE STATION ELEVATION

# WEATHER CONDITIONS

STATION NAME: VETERINARIAN NETHERLANDS 76-85 YEARS MONTH: MAR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	1-10		14.6		1.5		15.3	34.7	3.0			43.2	643
	11-20		1.7		.7	.1	11.4	47.2	2.2			49.4	634
	21-30		17.4		1.5		15.0	51.7	2.7			49.6	639
	31-40	.1	14.1		2.3	.1	16.4	34.0	3.0		.2	46.1	617
	41-50		14.0		1.5	.2	15.2	15.7	17.2		.2	32.4	641
	51-60	.7	17.1		.9	.4	13.1	11.5	14.0			30.2	617
	61-70		14.3		.6		14.6	20.3	10.5			36.4	640
	71-80	.4	14.3		.7		15.0	31.1	5.4			37.3	645
	81-90												
	91-100												
TOTALS		.	14.2		1.2	.1	15.2	31.9	9.0		.1	41.7	6659



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	.5	1.1	1.3	.1	.1					4.3	8.6
NNE	.3	1.1	.8	.5							2.4	6.7
NE	.1	.8	2.2	.3	.1						3.4	8.3
ENE	.1	1.3	1.3	.4	.3	.1					3.4	8.8
E	.1	.9	.5	.8							2.3	8.4
ESE	.5	1.1	1.1	.4	.6						3.8	8.5
SE	.6	1.5	1.8	.9							4.8	7.4
SSE	1.0	.8	.9	1.0	.4						4.1	8.3
S	1.1	2.7	2.5	3.0	.6	.3					10.3	9.5
SSW	1.0	1.9	3.5	4.7	1.0	.5	.3				12.9	11.1
SW	.4	2.9	4.9	4.4	.6						13.3	9.5
WSW	1.0	2.3	2.0	2.8	.5	1.0					9.6	10.6
W	.1	1.6	3.8	4.7	1.5	1.1	.3				13.2	12.6
WNW	1.0	1.3	2.2	1.6	.4	.3					6.7	9.2
NW	.3	.5	.6	.3	.1						1.8	7.8
NNW		.4	.8	.1							1.3	7.3
VARIABLE	1.8										1.8	1.6
CALM	////////////////////////////////////										.6	////
TOTALS	10.6	21.5	30.0	26.9	6.3	3.4	.5				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 739

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3	.4	1.9	.3	.4	.1						3.3	9.7
NNE	.4	1.0	.4	.5								2.3	7.0
NE	.3	1.1	1.4	1.0								3.8	8.5
NNE	.6	.8	1.7	.8	.3							4.1	8.4
E	.5	.6	.6	.8	.4							2.9	9.4
ESE	.5	.6	1.0	.8	.6							3.6	9.3
SE	.6	2.3	1.0	.3	.1							4.3	6.5
SSE	.1	1.1	1.4	1.1	.3	.1						4.2	9.3
S	.5	2.7	2.7	2.0	.6							8.6	8.9
SSW	.4	2.4	4.1	3.4	1.9	.4						12.6	10.8
SW	.5	2.2	4.2	5.6	1.4	.6						14.6	11.0
WSW	.6	1.5	4.5	4.6	.9	.6						12.8	11.0
W	.8	2.2	2.9	4.6	1.7	1.3	.1					13.5	12.0
WNW	.1	.9	1.0	1.0	.4							3.4	9.8
NW	.5	.8	1.1	.4								2.8	7.0
NNW		.3	.9	.1	.3							1.5	10.0
VARIABLE	1.1											1.1	1.6
CALM	////////////////////////////////////										.4	////	
TOTALS	7.9	20.9	30.9	27.3	9.2	3.2	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 783

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.1	1.1	.9	.3	.1					3.6	10.0
NNE	.6	.6	1.0	.9	.4						3.3	8.8
NE	.1	1.1	1.5	1.0							3.8	8.7
NNE		.6	2.0	.9	.3						3.8	9.7
E	.4	.9	.6	1.3	.8						4.0	10.6
ESE	.3	.4	.8	1.1	.1						2.7	10.1
SE	.4	1.7	.6	1.1							3.8	7.2
SSE	.4	1.1	1.0	.8	.1						3.4	8.2
S	.5	1.5	1.9	3.4	1.0	.3					8.7	11.0
SSW	.6	1.3	3.1	4.3	1.4	.3					11.0	11.3
SW	.4	1.3	6.0	6.5	1.5	.3					16.0	11.1
WSW	.3	1.4	2.9	4.0	2.9	.3	.4				12.1	13.0
W	.1	.6	4.1	3.8	2.8	1.3	.8				13.5	14.5
WNW	.3	.4	1.0	2.2	.9	.3	.5				5.5	14.2
NW	.4	.5	.8	.8		.1					2.6	9.0
NNW		.3	.6	.5	.1						1.5	9.8
VARIABLE	.6										.6	2.0
CALM	////////////////////////////////////											////
TOTALS	5.2	14.9	29.2	33.5	12.6	2.8	1.7				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS: 753

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.9	.4	1.0	.5						4.2	8.6
NNF	.4	.3	1.7	.6	.1						3.1	9.1
NF	.5	.9	1.5	.8							3.7	7.3
FNE	.1	1.4	1.9	1.2	.5						5.1	9.6
E	.7	1.2	.8	.9	.5						3.6	9.9
ESE	.8	1.3	.6	1.0	.1						3.8	7.4
SE	.9	1.4	.5	.6							3.5	6.2
SSE	.4	1.0	1.0	1.3							3.7	8.7
S	.5	1.7	4.0	2.2	.8	.3					9.3	9.9
SSW	.3	1.7	3.8	5.1	.4						11.3	10.4
SW		1.9	3.6	4.7	1.5	.1					11.9	11.1
WSW	.5	1.5	4.0	3.5	1.4	.1					11.0	10.8
W	.7	1.0	4.2	3.5	3.6	1.7	.4				14.6	14.0
WNW	.6	.9	1.9	1.2	1.2	1.0	.1				6.9	13.0
WW		.6	1.2	.6	.5						2.9	10.1
NNW		.3	.5	.1	.1						1.0	9.1
VARIABLE	.7										.3	1.5
CALM	////////////////////////////////////											////
TOTALS	6.1	19.0	51.6	28.3	11.3	3.2	.5				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS: 731

CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-PIJLEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	.6	.9	1.0	.2						3.9	7.5
NNE	.6	.9	2.3	.4	.2						4.4	7.8
NE	.9	1.4	1.2	1.0		.1					4.6	7.4
NNE		.4	1.6	.9	.4						3.2	10.6
E	.4	.1	.6	1.7	.4						3.2	11.7
ESE	.6	1.7	1.1	.5							3.9	6.8
SE	1.1	1.7	1.0	.7	.1						4.7	6.6
SSE	.2	1.5	1.1	.4	.2						3.5	7.7
S	1.4	2.2	4.3	3.3	.9						12.1	9.2
SSW	.5	2.5	1.8	3.9	.9	.1					9.7	10.2
SW	.4	1.8	3.2	4.4	1.2						11.1	10.7
WSW	.5	2.1	3.2	2.1	1.2	.7					9.9	10.8
W	.9	2.3	3.9	5.4	2.3	.9					15.8	11.7
WNW	.1	.7	1.4	2.0	.7	.5					5.4	12.4
NW		.5	.6	.4	.1						1.6	9.2
NNW	.5	.4	.7	.1	.2						2.0	8.0
VARIABLE	.9										.9	1.7
CALM	////////////////////										.1	////
TOTALS	10.1	20.8	29.1	28.2	9.2	2.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 811

GLOBAL CLIMATOLOGY BRANCH  
USAFETAP  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 065505 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.0	.9	.4	.1						3.0	7.7
NNE	.7	1.4	.7	.4	.2						3.5	7.1
NE		.7	1.6	.5							2.9	8.5
NNE	.2	.7	1.5	1.7		.2					4.5	9.9
E		.5	.7	1.2	.2						2.7	11.4
ESE	.1	1.0	1.0	.5							2.6	8.0
SE	.9	1.9	1.9	.2		.1					5.0	6.6
SSE	.7	1.5	1.1	.7							4.1	6.9
S	1.9	1.7	3.6	3.0	1.0	.1					11.4	9.3
SSW	1.0	1.9	3.5	2.9	.2	.1	.1				9.7	9.0
SW	.6	2.7	3.7	5.6	.7	.4	.2				14.1	10.8
WSW	1.0	2.9	3.4	1.1	1.6	.5	.1				10.6	10.0
W	.9	3.0	3.9	4.9	2.1	1.1	.1				16.0	11.4
WNW	.1	1.1	1.2	1.2	.5						4.2	9.9
NW	.2	.7	.9	.2	.2						2.4	8.5
NNW	.6	.4	.2	.1	.1						1.5	6.1
VARIABLE	1.2										1.2	1.5
CALM	////////////////////										.5	////
TOTALS	11.0	23.2	30.0	24.8	7.2	2.6	.6				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 831

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.0	1.0	.8	.2	.0					3.6	8.4
NNE	.4	.9	1.1	.4	.2						3.0	7.6
NE	.3	1.0	1.6	.7	.1	.0					3.8	8.1
NNE	.2	.9	1.7	.9	.2	.1					4.0	9.2
E	.3	.6	.6	1.2	.4						3.0	10.8
ESE	.5	1.1	.9	.6	.2						3.2	7.8
SE	.7	1.8	1.3	.7	.0	.0					4.6	6.8
SSE	.6	1.2	1.2	.8	.2	.0					4.0	8.1
S	1.1	1.9	2.9	2.8	.8	.1					9.5	9.6
SSW	.7	2.1	3.4	4.2	1.2	.2	.0				11.7	10.5
SW	.4	2.2	4.1	4.9	1.2	.3	.1				13.1	10.8
WSW	.8	2.2	3.3	2.8	1.4	.5	.1	.0			11.2	11.0
W	.5	2.1	3.6	4.6	2.2	1.2	.3				14.5	12.4
WNW	.4	.8	1.5	1.6	.7	.3	.1				5.3	11.3
NW	.3	.6	.8	.6	.2	.0					2.4	8.9
NNW	.3	.3	.6	.2	.1						1.5	7.7
VARIABLE	1.1										1.1	1.6
CALM	////////////////////										.3	////
TOTALS	9.0	20.8	29.6	27.6	9.3	2.8	.6	.0			100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 6367

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/LMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.7	1.4	.8	.1						5.1	6.9
NNE	1.4	1.7	1.8	1.6	.4						7.0	7.9
NE	1.4	2.0	3.4	3.2	.3						10.3	8.1
ENE	1.2	.9	2.1	2.5	.1						6.9	8.9
E	1.1	1.1	2.9	2.6							7.6	8.8
ESE	.4	2.0	2.1	1.3	.4						6.2	8.4
SE	.7	2.4	3.4	.7							7.1	7.3
SSE	.4	1.8	1.1	1.1							4.3	7.4
S	.6	2.2	3.9	2.6		.1					9.4	8.8
SSW	.5	1.7	2.4	3.2	.9						8.7	10.2
SW	.4	1.3	2.4	2.1	.4						6.6	9.3
WSW	1.2	.9	2.0	2.2	.9	.3					7.5	10.2
W	.8	1.6	.7	1.9	.8	.3					5.9	10.1
WNW	.4	.3	.1	.4	.1	.1					1.4	9.5
NW	.4	.4	.4	.3	.3						1.7	8.2
NNW	.7	.3	.4								1.7	5.4
VARIABLE	1.8										1.8	1.6
CALM	////////////////////										.7	////
TOTALS	14.4	22.3	30.8	26.4	4.7	.8					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 759



ATLANTIC CLIMATOLOGY BRANCH  
 NASATFAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 065500 STATION NAME: SHELTER-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
 MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.2	2.3	.3	.3						5.3	7.2
NNE	.7	.9	2.7	.9	.3						5.5	8.4
NE	.8	1.6	4.0	4.1							10.5	9.1
NNE	.5	1.3	2.7	2.7	.1						7.3	9.3
E	.3	1.3	3.2	1.6	.1						7.1	8.2
ESE	.9	2.0	2.0	1.6	.4						6.9	8.3
SE	.1	2.4	3.6	.5							6.7	7.2
SSE	.7	2.4	1.5	.5							5.5	6.3
S	.5	2.1	3.5	2.0	.3						8.8	9.2
SSW	.7	1.1	2.4	2.7	.5	.1					7.5	9.9
SW	.4	1.7	2.9	2.4	.5	.3					8.3	10.0
WSW	.9	1.5	1.7	2.5	.9	.3					7.9	10.2
W	.5	1.9	1.1	1.9	.1						5.5	8.5
WNW	.4	.3	.5	.4	.3						1.9	9.3
NW	.1	.1	.7		.3						1.2	8.8
NNW	.1	.5	.4	.4							1.6	7.0
VARIABLE	1.7										1.7	1.8
CALM	////////////////////										.9	////
TOTALS	11.2	23.5	35.1	24.5	4.1	.7					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 750

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILDE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.3	1.5		.1							3.3	6.9
NNE	.9	.8	1.9	1.6	.1							5.3	8.0
NE	.7	1.2	1.9	3.6	.5							7.8	10.2
NNE	.8	2.4	4.8	2.5	.1							10.6	8.4
E	1.2	1.1	2.3	1.6	.7							7.8	8.3
ESE	.8	1.7	2.0	2.5	.4							7.4	9.0
SE	.9	1.1	3.1	.5								7.6	6.4
SSE	.4	2.5	1.6	1.1								5.6	7.2
S	1.1	1.5	2.9	1.7	.1							7.3	8.1
SSW	.9	1.6	3.3	1.9	.5							8.2	8.8
SW	.5	1.3	3.4	2.0	.8	.4						9.5	10.0
WSW	.7	1.7	2.4	1.9		.4						7.0	9.3
W	.7	1.7	1.3	2.8	.1	.3	.1					7.0	10.1
WNW		.3	.3	.3	.3	.1						1.2	12.8
W		.4	.3									.7	6.4
WNW	.4	.4	.9	.3	.3							2.3	8.1
VARIABLE	1.6											1.6	1.6
CALM	////////////////////											.8	////
TOTALS	11.9	24.0	33.7	24.1	4.1	1.2	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 754

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.9	1.1	.4	.1						3.1	7.7
NNE	.8	.8	1.7	2.1	.1						5.6	9.0
NE	.7	.5	.9	2.9	.7						5.7	11.1
NNE	.1	1.1	4.1	4.4	.4						10.1	10.3
E	.3	.9	2.0	3.2	.7						7.1	10.8
ESE	.1	1.6	2.3	2.4	.7						7.1	10.0
SE	.7	1.6	3.7	1.1							7.1	7.8
SSE	1.1	2.1	2.5	.9							6.7	7.2
S	.5	1.6	2.8	2.9	.7						8.5	9.6
SSW	.7	1.5	3.2	2.4	.3						8.0	9.3
SW	.7	1.1	3.5	3.1	.4						8.7	9.7
WSW	.9	1.9	2.4	3.2	.5	.3					9.2	9.9
W	.4	1.5	1.2	2.1	.8	.1					6.1	10.5
WNW	.5	.4	.9	.4		.3	.3				2.8	11.6
NW	.1	.3	.4			.1					.9	8.0
NNW	.3	.1	.1	.7							1.2	9.4
VARIABLE	1.7										1.7	1.8
CALM	////////////////////////////////////										.3	////
TOTALS	10.1	17.9	33.0	32.3	5.3	.8	.3				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 749

JOINT CLIMATOLOGY BRANCH  
USAFETAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	OF 56	
N	.4	.8	1.0	1.6	.1						3.9	9.6
NNE	.7	1.0	1.7	2.4							5.8	8.9
NE	.5	1.0	1.4	3.9	.7						7.6	10.7
ENE	.8	1.3	1.7	4.8	.4						9.0	10.3
E	.5	.3	1.7	4.2	1.2	.1					8.0	12.0
ESE	.1	1.3	2.9	2.9	.4						7.6	9.9
SE		.7	2.1	1.2	.3						4.2	9.5
SSE	.7	.7	2.4	.9	.4						5.0	8.8
S	.4	.5	4.5	2.9	.7						8.9	10.2
SSW	.3	.5	2.1	4.6	.3						7.7	11.0
SW	.1	.9	3.1	3.7	.5						8.4	10.6
WSW	.1	.9	2.5	4.5	.5						8.5	11.2
W	.1	.9	1.0	3.5	.8	.4	.4				7.2	13.7
WNW	.5	.4	.9	.8	.9	.4					3.9	12.4
NW	.3	.1	.4	.1		.1					1.0	9.4
NNW			.3	.7		.3					1.2	14.3
VARIABLE	2.0										2.0	1.8
CALM	////////////////////////////////////										.1	////
TOTALS	7.5	11.4	29.7	42.5	7.1	1.3	.4				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 764

CLIMAT CLIMATELOGY BRANCH      POTENTIAL FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 DEAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 063400      STATION NAME: VILCEWIDEN NETHERLANDS      PERIOD OF RECORD: 76-85  
 MONTH: FEB      HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	.8	2.3	1.1	.3						4.9	8.8
NNE	.5	.9	1.3	2.4	.1						5.6	10.0
NNE	.4	1.1	1.9	2.7	.5	.3					6.9	10.9
NNE	.3	1.1	2.0	4.7	.1						8.3	10.2
N	.4	1.2	2.5	4.6	.5						9.6	10.6
NNE		1.6	3.4	2.6	.4						8.0	9.7
NE	.5	.8	1.2	.7	.1						3.4	8.0
ENE	.7	.7	2.2	1.1							4.6	8.0
E	.1	1.2	5.0	2.8	.8						10.0	10.3
SEW	.3	1.1	2.3	2.8	.3						6.8	10.1
SW	.5	.8	2.2	2.8	.1						6.5	9.8
WSW	.5	1.2	3.1	4.1	.3						9.2	10.0
W	.3	1.2	2.8	3.1	1.1	.4	.1				9.1	11.6
WNW	.4	.7	.4	.9	.1						2.6	9.1
NW		.4	.3	.1	.3	.1					1.2	11.7
NNW		.7		.5	.1						1.4	9.1
VARIABLE	1.5										1.5	1.8
CALM	////////////////////////////////////										.5	////
TOTALS	6.9	15.6	33.5	37.3	5.3	.8	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 758

GLOBAL CLIMATELOGY BRANCH  
USAFETAP  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 065500 STATION NAME: GILZE-RIJEN, NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.0	.6	.4							3.3	6.0
NNE	1.0	1.2	2.4	1.8	.4						7.3	8.4
NE	.7	1.6	3.1	3.3	.1	.1					8.9	9.4
NNE	1.6	2.1	4.7	3.3	.1						11.8	8.6
E	1.2	1.3	2.7	1.6	.5						7.3	8.5
ESE	.7	1.4	4.2	1.2	.4						7.8	8.3
SE	.3	1.8	2.5	1.2							5.8	8.1
SSE	.4	2.2	1.3	.9							4.8	7.2
S	.1	2.4	3.1	1.8	.7						8.1	9.1
SSW	.4	2.9	1.7	2.4	.8	.1					8.2	9.3
SW	.5	.8	2.4	1.7	.1						5.5	8.6
WSW	.4	.8	1.7	2.4	.5	.1					5.9	10.6
W	1.6	2.0	1.7	1.6	.1	.1					7.1	7.9
WNW	.3	.8	.4	1.4							2.9	8.6
W	.4	.5	.7	.4							2.0	6.9
WNW	.1	.7		.3							1.0	6.4
VARIABLE	1.6	.1									1.7	1.9
CALC	////////////////////////////////////										.7	////
TOTALS	10.7	23.5	33.4	25.5	3.8	.5					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 755

LIBERAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	3.3	2.9	1.7	.1						9.4	7.3
NNE	2.0	4.4	3.0	1.1	.3						10.9	6.7
NE	1.1	1.8	2.7	1.5	.1						6.9	7.6
NNE	.5	.5	1.7	.4							3.0	7.8
E	.4	1.1	.5								2.4	4.6
ESE	.6	.8	2.6	.6							4.8	7.8
SE	1.3	.9	2.3	.6							5.1	6.8
ESE	.9	1.4	.8								3.0	4.7
S	1.5	2.0	1.9	.5							6.0	5.9
SSW	.8	1.4	2.3	.4	.1						5.0	7.0
SW	1.4	1.8	3.2	1.5	.3						8.1	7.6
WSW	.9	2.4	2.7	3.0	.3						9.3	8.7
W	1.3	2.4	2.8	1.8	.1						9.4	7.3
WNW	.8	2.0	1.3	.6	.4						5.1	7.8
NW	.8	1.7	1.1	.1	.1						3.8	6.4
NNW	.4	1.1	1.4	1.1	.4						4.4	9.1
VARIABLE	1.3										1.3	1.8
CALM	////////////////////////////////////										2.0	////
TOTALS	17.7	30.1	32.9	15.1	2.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/ZHAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(EST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	1.5	3.3	.5							10.6	6.1
NNE	1.9	2.8	3.4	.9							8.9	5.4
NE	1.5	1.9	2.5	1.3							7.1	6.9
ENE	1.1	.5	.8	.5							2.9	6.0
E	1.3	.5	1.0	.3							3.0	5.5
ESE	.5	.9	1.4	.9							3.6	7.6
SE	1.5	1.0	1.9	.6							5.0	6.1
ESE	.8	.8	.4								1.9	4.5
S	1.5	1.9	1.4								4.8	5.0
SSW	1.1	2.1	1.6	.3		.1					5.3	6.0
SW	1.0	3.3	2.6	1.5	.3						8.6	7.5
WSW	1.0	2.6	2.6	2.6							8.9	8.0
W	1.6	3.1	2.3	1.5		.1					8.6	6.9
WNW	1.4	2.4	2.4	.3	.4	.3					7.0	7.5
NW	.8	2.1	1.5	.4	.1						4.9	6.3
NNW	.5	1.1	2.3	.8							4.6	7.9
VARIABLE	2.3										2.3	1.6
CALM	////////////////////										2.0	////
TOTALS	21.0	32.4	31.2	12.1	.8	.5					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 779



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	5.9	3.5	.9							11.1	6.4
NNE	1.2	3.3	3.8	1.2	.2						9.9	7.3
NE	1.4	1.7	2.5	1.2							6.8	7.3
ENE	1.1	.5	1.4	.1							3.1	5.8
E	1.0	1.0	1.0	.7							3.7	6.4
ESE	.9	1.1	1.6	.1							3.7	6.0
SE	.9	1.5	1.2	1.7							4.8	7.4
SSE	1.0	1.1	1.1	.1							3.3	5.7
S	1.0	.6	2.0		.1						3.7	6.5
SSW	1.1	1.2	.9	.4	.2						3.8	6.6
SW	.9	2.7	1.5	1.6	.2						6.9	7.8
WSW	.4	2.1	2.2	2.8	.1						7.7	8.8
W	1.0	3.0	2.3	.7							7.0	6.5
WNW	1.2	2.3	2.6	.6							6.8	6.4
NW	1.5	2.5	1.2	.2	.4	.1					5.9	6.6
NNW	1.4	1.7	1.9	.2		.1					5.3	6.6
VARIABLE	4.7										4.2	1.8
CALM	////////////////////										2.1	////
TOTALS	20.9	32.4	30.7	12.4	1.4	.2					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 839

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.4	1.7	1.4	.5	.1	.0					5.5	8.7
NNE	.8	1.5	1.7	1.0	.1	.0						5.1	7.7
NE	.7	1.7	1.9	.7	.2							4.7	7.5
ENE	.4	.9	1.4	1.5	.7	.0						4.9	10.4
E	.3	.9	1.2	1.3	.3							4.6	9.9
ESE	.5	.9	1.0	.7	.1							3.1	7.6
SE	.5	.9	1.3	1.3								4.0	8.2
SSE	.5	.9	1.2	1.3	.1							3.9	8.7
S	.9	1.4	3.1	3.3	.9	.1						10.0	10.0
SSW	.4	1.7	3.3	3.8	1.9	.5	.1					11.6	11.8
SW	.6	1.6	3.5	3.9	1.5	.2	.1					11.5	11.1
WSW	.9	2.1	2.6	3.5	1.6	.4						11.1	10.8
W	.9	2.1	3.5	3.1	.9	.2	.0					10.8	9.9
WNW	.4	1.1	1.0	1.1	.3	.1						3.8	9.3
NW	.3	.6	.6	.4	.1							2.0	7.9
NNW	.2	.3	.5	.5	.1		.0					1.7	8.9
VARIABLE	1.4	.0										1.4	1.9
CALM	////////////////////////////////////											.2	////
TOTALS	10.0	20.0	29.6	29.4	9.0	1.6	.2					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 6654

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.9	2.0	1.5	.1						5.9	8.0
NNE	1.5	1.4	1.7	1.1							5.7	6.9
NE	.6	2.0	1.5	.2							4.4	5.8
NNE	.1	.7	1.9	1.4	.7						4.9	10.3
E	.4	1.2	1.7	1.8	.2						5.2	9.4
ESE	.4	1.1	.5	.5							2.4	6.7
SE	.5	2.0	1.7	1.4							5.6	7.5
ESE	.6	.5	1.4	1.7							4.1	9.0
S	1.3	2.7	4.4	2.4	.8						11.6	8.6
SSW	.5	1.8	3.4	3.9	1.8	.4					11.7	11.2
SW	1.1	1.4	3.3	3.0	.9						9.7	9.6
WSW	.7	2.7	3.0	3.6	1.3	.6					11.8	10.7
W	1.8	1.9	2.0	1.7	.2						7.5	7.7
WNW	.9	1.4	.7	.5	.2						3.7	7.2
NW	.7	.9	.7	.4	.1						2.8	6.9
NNW	.1	.6	.6	.5							1.8	7.9
VARIABLE	1.2										1.2	1.8
CALM	////////////////////////////////////										.1	////
TOTALS	12.7	24.0	30.4	25.3	6.5	.9					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 445

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: CILJE-WIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.0	1.6	2.1	.1						5.7	8.6
NNE	.6	.9	2.2	1.7	.1						5.4	9.0
NE	.7	2.4	2.2	.6	.1						6.0	7.0
NNE	.7	1.3	1.3	1.6	.6	.1					5.7	9.8
E	.1	.9	1.3	1.5	.2						4.0	10.2
ESE	.5	1.3	1.2	.9							3.4	6.3
SE	.6	1.5	1.8	.6							4.5	6.7
SSE	.7	1.5	1.2	1.1							4.5	7.6
S	.7	1.7	2.3	3.3	1.2	.1					9.3	10.7
SSW	.1	1.9	2.7	3.1	1.8	.2					9.9	11.4
SW	.4	1.2	2.2	3.4	.8	.2					8.2	11.1
WSW	.9	1.7	1.9	2.9	1.5	.4					9.2	11.1
W	.7	1.1	4.9	2.9	.7	.2					11.5	9.6
WNW	.8	1.6	1.8	.9	.1	.1					5.3	7.6
NW	.5	1.5	1.1	.4							3.4	6.6
NNW	.7	.7	.9	.5							2.8	7.2
VARIABLE	1.1										1.1	1.6
CALM	////////////////////										.1	////
TOTALS	10.9	23.0	30.5	26.7	7.4	1.5					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH  
USAF/ITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.1	1.7	2.2	.1						5.5	9.6
NNE	.1	1.0	1.6	1.8	.1						4.7	10.0
NE	.4	.5	2.5	1.1	.2						4.7	9.4
NNE	.4	.5	2.2	2.3	1.3	.2					7.0	11.7
E		.2	1.2	1.8	.9						4.2	12.7
ENE	.2	.1	.9	1.1	.2						2.6	10.5
SE	.2	.6	1.0	1.3							3.2	9.5
SSE		.2	1.3	1.2							2.8	10.2
S	.2	.4	2.3	3.6	2.0	.4					8.8	13.0
SSW	.2	1.0	1.2	4.3	2.3	.4					9.4	13.4
SW	.1	.9	3.3	4.9	1.7	.1	.4				11.4	12.8
WSW	.5	1.3	1.7	3.3	1.8	.5					9.2	12.4
W	.1	.9	5.0	5.5	1.8	.9	.1				14.3	12.5
WNW	.1	.6	1.8	2.8	.5	.4					6.2	12.0
NW	.1	.6	.7	1.1	.2						2.8	10.0
NNW			1.0	1.1	.1						2.2	11.0
VARIABLE	.9	.1									1.0	2.4
CALM	////////////////////											////
TOTALS	4.0	10.0	29.5	39.6	13.5	2.8	.5				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS: 816

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.7	1.4	1.1	.7	.1						5.4	10.0
NNE	.4	.8	1.9	.7	.5	.1						4.4	9.6
NE	.6	.7	2.0	1.3	.2							4.9	8.9
ENE	.5	.5	1.8	2.5	.8							6.1	11.6
E	.2	.4	1.7	2.4	.7							5.4	11.2
ESE	.1	.4	.7	.7	.4							2.3	10.2
SE		.1	1.3	1.3								2.7	10.8
SSE	.1	.8	.8	1.4	.1							3.3	10.0
S	.1	.5	1.4	4.9	1.0							7.9	12.3
SSW	.1	.4	1.7	4.5	3.1	.8	.2					10.8	15.3
SW	.1	1.4	3.5	5.1	2.0	1.3	.1					13.6	13.3
WSW	.1	1.1	3.2	4.8	2.0	1.0						12.2	12.9
W	.4	1.0	3.7	5.1	2.4	.4						12.9	12.1
WNW	.1	.7	1.0	1.7	.5							3.9	11.2
NW			.7	.8								1.5	10.8
NNW	.1	.1	.6	.4	.2							1.4	10.3
VARIABLE	1.2											1.2	2.5
CALM	////////////////////////////////////											.1	////
TOTALS	4.5	10.5	27.4	38.7	14.7	3.7	.4					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS: 839

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.7	.6	1.4	.2	.1					3.6	10.1
NNE	1.0	1.1	1.6	1.0	.1						4.8	7.7
NE	.7	1.1	1.7	1.2	.2						5.0	8.1
NNE		.9	.9	2.0	.6						4.3	11.1
E	.1	.7	1.5	2.5	.5						5.3	10.8
ESE	.2	1.1	1.6	.9	.1						3.9	8.5
SE	.2	.9	.9	1.6							3.1	9.8
SSE		1.1	1.2	1.1	.1						3.6	9.0
S	.4	1.1	2.0	4.6	.6						9.5	10.8
SSW	.2	1.5	3.6	6.5	2.0	.9	.2				14.9	12.8
SW		1.6	3.7	3.4	2.6	.1					11.4	11.8
WSW	.5	1.5	3.4	4.1	2.6						12.1	11.4
W	.4	2.6	3.2	3.3	1.0	.1					10.6	10.0
WNW	.2	.6	1.2	1.0	.4						3.4	9.5
NW	.1	.2	.4	.4							1.1	8.7
NNW	.1	.5	.1	.5	.1						1.4	9.4
VARIABLE	2.0										2.0	1.9
CALM	////////////////////////////////////										.1	////
TOTALS	6.8	16.7	28.4	35.3	11.2	1.2	.2				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS: 813

LOCAL CLIMATOLOGY BRANCH  
USAFETAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: WILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.9	1.3	1.2	.4	.2					5.6	8.7
NNE	1.1	1.7	1.2	.4							4.3	6.2
NE	.8	1.4	2.0	.6	.2						5.1	7.5
NNE	.6	1.3	1.3	.7	.6						4.5	9.7
E	.8	1.2	.8	1.7							4.5	8.2
ESE	1.5	.6	1.2	.4							3.7	5.6
SE	.6	1.2	.8	1.9							4.5	8.2
SSE	1.0	.8	.7	1.3	.4						4.2	8.4
S	1.1	2.1	4.2	2.9	.4						10.6	8.7
SSW	.4	2.0	5.6	3.0	1.2	.7					12.9	10.4
SW	1.7	2.6	3.5	3.1	1.3	.1	.1				12.4	9.5
WSW	1.1	3.2	2.6	3.6	1.5						12.0	9.7
W	1.0	3.2	3.0	2.1	.1						9.4	7.9
WNW		.8	.4	.4							1.5	7.4
NW	.4	.4	.4	.1							1.2	6.5
NNW	.1	.2	.2	.5							1.1	7.9
VARIABLE	1.7										1.7	1.9
CALM	////////////////////////////////////										.7	////
TOTALS	14.3	24.8	29.2	23.7	6.1	1.1	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 839



CLIMATE BRANCH  
 AFMTC  
 AFM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 085500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 76-85  
 MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (COMBINED)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.7	2.3	.5			.1					5.0	7.8
NNE	1.1	2.8	1.4	.8								6.1	6.4
NE	.6	1.2	2.0	.4								4.2	6.8
NNE	.1	.7	.5	.5	.5							2.6	10.0
E	.7	1.4	.7	1.7								4.6	7.9
ESE	.2	.7	1.2	.5								2.6	7.2
SE	.8	1.1	1.6	1.6								5.0	7.9
SSE	.7	.7	1.0	1.4	.2							4.1	8.6
S	1.1	3.4	3.6	2.4	.4							10.8	8.0
SSW	.7	2.3	4.1	2.6	1.2	.6						11.5	10.2
SW	1.1	1.9	4.8	4.7	.8							13.3	9.8
WSW	1.8	3.1	2.2	3.1	1.1	.2						11.5	9.2
W	1.4	2.6	3.9	2.3	.6							10.8	8.4
WNW	.2	1.2	.7	.6	.1							2.9	8.0
NW	.4	.4	.4	.1								1.2	5.7
NNW	.1	.2	.5	.5	.2		.1					1.7	11.8
VARIABLE	1.6											1.6	1.5
CALM	////////////////////////////////////											.5	////
TOTALS	13.2	25.4	31.1	23.6	5.2	.8	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 834

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: SHELLE-PIJLEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	1.7	2.7	1.0	.4						7.0	7.7
NNF	.8	2.4	1.7	.2	.1						5.2	6.2
NF	1.1	.8	1.0	.5	.1						3.4	6.2
FNF	.5	1.2	1.2	1.2	.5						4.5	8.9
E	.4	.8	1.1	1.4							3.7	8.6
FSE	.7	1.5	.8	1.0							4.0	7.3
SF	.6	.7	1.1	.8							3.2	7.4
SSF	.5	1.3	1.9	1.1							4.8	7.9
S	1.1	2.9	4.0	2.7	1.1						11.8	9.2
SSW	1.0	2.5	3.9	2.3	1.9	.2					11.8	10.1
SW	.4	1.9	3.7	3.9	1.8						11.7	10.8
WSW	1.3	2.5	3.0	3.0	.7	.4					10.8	9.3
W	1.5	2.4	2.9	2.0	.5	.1	.1				9.5	8.5
WNW	.6	1.4	.4	.7	.4	.2					3.7	8.7
NW	.1	.5	.6	.2	.1						1.5	7.9
NNW	.5	.4	.5	.4							1.7	6.6
VARIABLE	1.3	.1									1.4	1.7
CALM	////////////////////										.2	////
TOTALS	13.6	25.0	30.3	22.4	7.5	1.0	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 841

JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: WILZI-RIDLEY NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.3	1.4	.6	.1						4.1	7.4
NNE	.9	1.1	2.0	1.7	.3						6.1	8.6
NE	.7	1.3	2.4	3.3	.3	.0					8.2	9.7
NNE	.8	1.4	3.3	3.6	.2						9.3	9.4
E	.8	1.2	2.7	2.7	.5	.0					7.9	9.5
ESE	.4	1.7	2.6	1.9	.4						7.1	9.0
SE	.4	1.4	2.9	.9	.0						6.1	7.7
SSE	.5	1.9	1.8	.9	.0						5.2	7.4
S	.5	1.7	3.5	2.4	.4	.0					8.6	9.2
SSW	.5	1.5	2.6	2.8	.5	.0					8.0	9.8
SW	.5	1.1	2.9	2.5	.4	.1					7.5	9.8
WSW	.8	1.4	2.2	2.9	.5	.2	.0				7.8	10.0
W	.7	1.5	1.4	2.3	.6	.2	.1				6.7	10.3
WNW	.4	.4	.5	.6	.2	.1	.0				2.4	10.3
NW	.2	.7	.4	.2	.1	.0					1.3	8.3
NNW	.2	.3	.3	.4	.0	.0					1.4	8.2
VARIABLE	1.7	.0									1.8	1.8
CALM	////////////////////										.6	////
TOTALS	10.8	20.3	32.9	29.6	4.8	.8	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 6016

GLOBAL CLIMATOLOGY BRANCH  
NOAA/FETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	1.8	.9	.1							3.7	5.9
NNE	1.1	1.8	2.0	.8	.8						6.5	8.2
NE	.3	1.8	2.7	3.0							7.7	9.0
NNE	1.1	1.4	3.9	3.8	.1						10.3	9.3
E	.8	1.8	3.7	2.2	.4						8.8	8.7
ESE	.3	1.9	1.9	.9	.4						5.4	8.2
SE	.3	1.8	3.5	1.8							7.3	8.4
SSE	.1	2.6	1.6	.4							4.7	7.1
S	.7	2.0	2.6	2.6	.1	.1					8.1	9.0
SSW	.1	2.0	3.1	2.6	.5	.1					6.5	9.8
SW	.5	1.1	3.1	2.4	.4						7.6	9.6
WSW	1.5	2.0	1.6	1.5	.3	.1	.1				7.2	8.4
W	.9	1.6	1.5	1.2	.8						6.1	8.9
WNW	.8	.5	.5	.1	.3	.3					2.6	8.7
NW	.4	.5	.4	.4							1.8	7.5
NNW	.3	.1	.3	.3							.9	7.4
VARIABLE	2.0										2.0	1.6
CALM	////////////////////////////////////										.5	////
TOTALS	12.1	24.7	33.5	24.2	4.2	.7	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.6	4.8	4.1	.8						11.5	10.6
NNE	.1	1.9	3.5	1.4	.9	.3					8.2	9.7
NE	.9	2.5	2.1	2.3	.6						8.4	9.2
NNE	.1	1.4	1.8	1.3	.6						5.3	9.8
E	.1	.5	1.8	.4	.5						3.4	9.7
ESE	.1	.9	1.9	.6	.3						3.9	8.7
SE	.3	.6	1.7	.9							3.5	8.4
SSE	.1	.5	1.2	2.1	.3						4.1	10.1
S	1.3	1.7	2.2	1.4							6.6	7.4
SSW	.3	.8	2.5	1.6	.4						5.4	9.7
SW	.3	1.4	2.2	2.5	.4						6.7	9.5
WSW	.3	1.6	2.8	4.3	.9						9.8	10.9
W	.1	1.0	3.4	3.1	.4						8.0	10.4
WNW	.4	.4	2.1	1.6	.6						5.0	10.7
NW	.3	1.0	1.0	1.0							3.4	8.9
NNW	.1	.6	1.9	.9	1.0						4.7	11.3
VARIABLE	1.7										1.7	2.4
CALM	////////////////////										.4	////
TOTALS	6.7	18.5	36.9	29.5	7.8	.3					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILLET-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	1.8	4.3	5.0	.9							12.1	10.8
NNE	.1	1.1	3.5	2.8	1.0							8.5	10.5
NE	.3	.8	2.3	2.8	.9	.5						7.4	11.6
NNE	.1	.8	.8	2.3	.9	.3						5.0	12.5
E		.6	1.3	1.4	.1							3.4	9.7
ESE	.4	.4	1.4	1.5								3.6	9.4
SE	.1	.5	1.0	1.1	.1							2.9	10.0
SSE		.8	1.9	1.6								4.3	9.6
S	.3	.9	.9	2.1	.3							4.4	10.1
SSW	.4	.4	1.1	1.1	.8							3.8	11.0
SW	.5	.8	2.0	2.5	.8							6.5	10.3
WSW	.3	1.3	2.6	4.1	.3	.1						8.7	10.6
W	.3	.9	3.4	4.5	1.3							10.3	11.4
WNW	.1	1.1	1.9	2.6	1.3	.3						7.3	11.9
NW	.1	.1	1.0	2.4	.1							3.8	11.3
NNW		.5	1.5	2.1	1.0	.3						5.4	12.9
VARIABLE	2.5	.1										2.6	2.5
CALM	////////////////////////////////////											////	
TOTALS	5.5	12.7	30.8	40.1	9.5	1.4						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.5	3.3	6.9	1.9							13.7	12.2
NNE	.1	1.9	2.6	3.6	.9							9.1	10.4
NE	.4	.4	1.5	2.4	1.4	.1						6.3	12.3
NNE	.1	.3	1.5	2.8	1.2	.1						6.0	12.0
E	.3	.5	1.0	2.1								3.8	10.4
ESE	.3	.4	1.0	1.9								3.6	10.2
SE		.3	.9	.6	.3							2.1	10.6
SSE		.3	1.2	.8	.1							2.3	10.2
S	.1	.9	.9	2.2								4.1	9.5
SSW	.3	1.0	1.7	1.4	.4	.3						5.0	10.5
SW	.1	.8	1.9	1.7	.4							4.9	10.0
WSW	.3	.9	1.5	1.7								4.4	9.2
W	.5	.8	3.8	4.5	.6	.1						10.4	10.9
WNW	.1	.5	2.9	3.8	.6	.1						8.2	11.8
NW	.3	1.0	1.2	2.7	1.2	.1						6.4	11.9
NNW	.3	.5	2.2	2.9	1.4							7.3	11.8
VARIABLE	2.4											2.4	2.2
CALM	////////////////////////////////////											////	
TOTALS	5.5	11.9	29.2	42.1	10.4	.9						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	5.7	5.4	7.1	.5						17.6	9.5
NNE	.4	2.0	2.7	2.4	.8						8.2	9.6
NE	.3	1.8	2.5	2.4	.4						7.3	9.5
NNE	.6	2.4	2.0	1.9	.4						7.3	8.5
E	.4	.4	1.5	.3	.1						2.7	7.9
ESE	.1	1.0	1.8	1.0							3.9	8.4
SE	.6	1.1	.6	.6							3.0	6.7
SSE	.3	.6	.5								1.4	5.3
S	1.1	.8	1.3	.4							3.5	6.0
SSW	.4	.8	.9	.9	.1						3.0	8.7
SW	.1	.6	.8	1.3		.3					3.0	10.6
WSW	.9	.9	1.5	.8	.1						4.2	7.5
W	1.6	1.6	4.7	1.8	.1						9.9	7.9
WNW	.5	1.3	3.7	2.0	.1						7.6	8.8
WW	.3	1.4	1.8	3.2	.5						7.0	10.1
WNW	.5	1.0	3.5	2.3	.6						8.0	9.9
VARIABLE	1.4		.1								1.5	2.3
CALM	////////////////////////////////////										.8	////
TOTALS	10.3	21.4	35.3	28.2	3.8	.3					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 790



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	7.6	6.5	2.2							17.6	7.0
NNE	2.0	2.6	3.4	2.5	.5						11.0	8.0
NE	.7	2.5	2.0	.9							6.1	6.7
NNE	.6	1.1	.9	1.0							3.6	7.3
E	.1	.4	1.0	1.0							2.5	8.9
ESE	1.1	.9	.9	1.0							3.9	6.5
SE	.9	1.4	1.4	.5							4.1	6.4
SSE	.9	1.0	.7	.2							2.9	5.5
S	.6	.9	1.2	.1							2.9	6.0
SSW	.6	1.5	.7	.4	.2						3.5	6.5
SW	.5	2.0	1.1	1.4	.1						5.1	7.9
WSW	.7	2.6	2.9	1.6	.2						8.1	7.9
W	1.6	2.9	2.4	.4	.1						7.4	6.0
WNW	1.0	2.5	2.0	.6							6.1	6.4
NW	.6	2.7	1.6	.6	.1						5.7	7.0
NNW	.9	2.1	2.5	1.1							6.6	7.4
VARIABLE	1.9										1.9	1.7
CALM	////////////////////										1.0	////
TOTALS	16.1	34.7	31.2	15.6	1.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 831

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.8	3.9	4.2	3.5	.5			13.0	8.8
NNE	1.0	2.1	3.2	2.0	.6	.0		9.3	8.4
NE	.8	1.7	2.2	1.8	.4	.1		7.0	8.9
NNE	.6	.9	1.3	1.3	.4	.0		4.5	9.2
E	.5	.6	1.1	.6	.1			3.1	8.0
ESE	.5	.8	1.6	1.0	.0			3.9	8.0
SE	.7	.9	1.4	.8	.0			3.8	7.4
ESE	.5	.8	1.0	.6	.0			2.9	7.3
S	.9	1.2	1.5	.8	.0			4.5	7.0
SSW	.6	1.2	1.5	.9	.3	.0		4.3	8.2
SW	.6	1.7	1.9	1.7	.3	.0		6.3	8.6
WSW	.6	1.8	2.4	2.6	.2	.0		7.6	9.1
W	1.0	2.1	3.1	2.3	.3	.0		8.9	8.6
WNW	.7	1.6	2.4	1.5	.4	.1		6.6	9.0
NW	.6	1.6	1.3	1.3	.3	.0		5.1	8.6
NNW	.5	1.1	2.1	1.4	.6	.0		5.8	9.7
VARIABLE	2.2	.0	.0					2.2	2.0
CALM	////////////////////							1.0	////
TOTALS	13.0	24.3	32.2	24.3	4.6	.4		100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 6335

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	6.5	4.6	.6								13.8	6.0
NNF	.5	3.2	3.3	1.1								8.1	7.2
NF	1.2	3.9	3.1	1.1								9.4	6.9
ENF	1.2	1.4	.9	.9								4.3	6.4
E	1.0	.6	1.2	1.6								4.4	8.3
ESE	1.0	.6	.9	.1								2.6	5.4
SE	1.4	4.0	1.4	.1								4.8	5.2
SSE	.7	1.0	1.2	.4								3.3	6.3
S	2.6	3.3	3.3	.6		.1						10.0	6.1
SSW	2.0	2.1	1.4	.7								6.2	5.8
SW	.9	1.9	2.6	1.5								6.8	7.5
WSW	1.0	2.0	2.5	1.5								6.9	7.4
W	1.1	2.0	1.2	.4								4.7	5.7
WNW	1.1	1.1	.7	.4								3.3	5.6
NW	.7	.2	1.8	.4								3.2	6.8
NNW	.5	1.2	.7	.5								3.0	6.5
VARIABLE	2.6											2.6	1.5
CALM	////////////////////////////////////											2.7	////
TOTALS	21.4	33.0	30.8	11.8		.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 812

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-PIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	4.8	3.4	.7							11.6	5.7
NNE	1.9	3.9	3.9	.9							10.6	6.4
NE	1.4	3.7	3.4	1.0							9.5	6.6
ENE	.5	1.6	.7	1.0							3.8	7.1
E	.9	.5	.7	1.7							3.8	8.2
ESE	.3	1.3	.7								2.2	5.6
SE	1.2	1.2	1.2								3.5	4.9
SSE	1.0	2.2	2.0	.3							5.5	5.8
S	.8	3.3	3.3	1.3		.1	.1				8.9	7.5
SSW	1.7	3.4	1.3	1.0							7.5	5.9
SW	1.3	2.7	2.7	1.4							8.2	7.0
WSW	.9	2.2	2.2	.9							6.3	6.7
W	1.4	1.8	.9	.4							4.6	5.5
WNW	.5	1.0	1.2								2.7	5.7
NW	1.0	.7	.8	1.0							3.5	6.9
NNW	.7	.9	.8	.4		.1					2.9	7.0
VARIABLE	2.7										2.7	1.7
CALM	////////////////////////////////////										2.1	////
TOTALS	21.0	35.3	29.0	12.2		.3	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.8	3.2	.5							7.6	6.4
NNE	1.5	3.2	2.8	.5							8.0	6.2
NE	1.0	3.4	2.8	3.3	.3						10.7	8.1
ENE	.8	1.3	1.3	1.6	.3						5.2	8.6
E	.3	1.3	1.3	2.0	.1						4.9	9.4
ESE	1.0	1.1	.8	.6							3.5	6.3
SE	.3	1.3	1.6	.1							3.3	6.5
SSE	.5	1.5	2.0	.4							4.4	6.7
S	1.4	2.4	3.9	2.4	.4						10.5	8.1
SSW	1.1	2.4	3.0	2.4	.5						9.5	8.3
SW	.8	1.6	3.0	1.0							6.4	7.3
WSW	1.8	2.7	2.4	1.0	.1						8.0	6.9
W	1.4	1.1	1.8	.6	.1						5.1	6.8
WNW	.6	1.1	1.1	.6							3.5	6.9
NW	.6	.4	.9	.5	.3	.1					2.8	8.8
NNW	.3	.8	1.5	.9							3.4	8.1
VARIABLE	1.9										1.9	1.6
CALM	////////////////////////////////////										1.4	////
TOTALS	16.3	28.3	33.3	18.6	2.0	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 792

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.4	2.5	1.6							5.7	8.8
NNE	.8	2.5	2.9	2.6							8.7	8.1
NE	.7	.7	1.4	3.4	.9						7.0	11.1
NNE	.7		3.7	2.9	1.2						8.3	10.8
E	.3	.8	2.0	2.3	1.2						6.5	11.1
ESE	.1	1.0	1.0	2.0	.3						4.4	9.8
SE	.1	.4	1.2	.8	.1						2.6	9.1
ESE	.1	1.3	.8	.4							2.6	7.0
S	.4	1.4	3.4	2.3	.1						7.7	8.8
SSW	.7	2.5	2.1	4.8	.5						10.6	9.9
SW	.4	1.0	3.7	3.3	.1						8.5	9.6
WSW	.5	1.2	3.0	3.4	.4						8.5	9.7
W	.8	1.0	2.5	2.1	.1						6.5	8.7
WNW	.5	1.4	.8	1.2							3.9	7.7
NW	.4	.5	1.4	1.4							3.8	9.9
NNW	.3	.4	1.2	1.0	.1						3.0	9.2
VARIABLE	1.2										1.2	2.7
CALM	////////////////////										.4	////
TOTALS	8.1	17.6	33.4	35.5	5.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 757

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.8	3.4	2.6							6.9	9.8
NNE	.3	1.6	3.0	2.5	.4						7.8	9.5
NNE	.3	.4	2.3	2.4	.6	.4					6.3	11.9
NNE	.3	.3	1.4	3.2	2.4	.3					7.7	14.0
E	.3	.4	2.1	2.8	1.9	.1					7.6	12.9
ESE		.5	1.5	1.4	.4						3.9	10.6
E		.4	1.1	.1							1.6	8.1
SSE	.1	1.3	1.3	.8	.3						3.7	8.7
S	.4	1.8	1.9	2.5	.5	.1					7.2	9.9
SSW	.3	.4	2.8	2.6	.8	.3					7.1	11.7
SW	.6	1.1	4.0	3.7	.3	.1					9.8	9.8
WSW	.1	1.4	1.9	2.0	.4	.1					5.9	10.0
W		1.5	2.9	3.5	.6	.1					8.7	10.8
WNW		.8	1.8	1.9	.4						4.8	10.5
NW	.1	.4	1.1	1.6	.1						3.4	10.9
NNW	.1	.4	1.1	2.1	.3						4.0	10.9
VARIABLE	3.7	.1									3.4	2.3
CALM	////////////////////////////////////										.1	////
TOTALS	6.2	13.5	33.7	35.8	9.2	1.5					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS: 793

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: BILZI-RIJEN, NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.7	2.6	4.1	.5						9.5	9.8
NNE	.3	1.5	2.1	1.8	.1						5.8	8.8
NE	.5	1.3	2.2	2.6	.8	.1					7.7	10.6
ENE	.1	.8	2.4	4.5	1.5	.4					9.6	12.5
E	.3	.9	.9	3.2	1.6						6.9	12.7
ESE	.1	.7	1.1	.9	.5						3.3	10.6
SE	.4	.9	.9	.8							3.0	7.9
SEF	.3	.7	.9	.1							2.0	6.6
S	.1	.7	2.1	1.8	.7	.1					5.5	11.1
SSW	.3	1.1	2.4	3.2	.7						7.5	10.4
SW	.4	.9	3.0	2.6	.3						7.3	9.9
WSW	.1	1.3	2.0	2.2	.1						5.8	9.4
W	.5	1.8	3.0	3.7	.1						9.2	9.4
WNW		.9	1.3	2.5	.4						5.1	11.2
NW	.1	.3	2.2	2.6	.4						5.7	10.8
NNW		1.1	1.1	1.7							3.8	9.6
VARIABLE	2.2										2.2	2.4
CALM	////////////////////											////
TOTALS	6.5	16.5	30.2	36.5	7.7	.7					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS: 758



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.7	4.4	4.7	.3							11.6	9.6
NNE	.7	2.2	3.4	1.7	.3							8.2	9.2
NE	.8	1.4	1.7	1.8	.7	.1						6.5	10.0
ENE	.5	1.2	3.4	4.0	.8							9.9	10.2
E	.9	.9	1.4	1.6	1.2	.1						6.1	10.3
ESE	.9	.8	1.0	.5	.1							3.4	7.1
SE	.4	1.2	.3	.3								2.1	5.5
SSE	.3	1.3	.9									2.5	5.8
S	.3	1.6	1.8	2.0	.3							5.9	9.0
SSW	.9	2.2	2.2	1.7								6.9	7.9
SW	1.0	1.3	1.2	1.3								4.8	7.4
WSW	1.0	1.7	1.4	1.3								5.5	6.9
W	.7	1.4	3.5	2.3	.4							8.3	9.3
WNW	.4	1.0	3.4	2.9								7.7	9.0
NW	.3	1.2	2.0	2.6								6.0	9.3
NNW	.3	1.0	1.4	.8								3.5	8.0
VARIABLE	1.2											1.2	2.1
CALM	////////////////////											.1	////
TOTALS	10.8	22.1	33.4	29.4	3.9	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 769

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(IST): 2100-2300

DIRECTION (000-359)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	5.1	5.0	1.5								13.4	6.8
NNE	1.7	2.8	3.6	.5								8.6	6.2
NE	1.0	3.7	1.0	1.5								7.3	6.7
NNE	.9	1.8	2.2	1.3	.1							6.2	7.7
E	1.4	1.3	1.4	1.3	.6							6.0	8.2
ESE	.9	1.7	.5	.4								3.5	5.7
SE	1.7	1.8	.5									4.0	4.2
SE	1.9	1.4	.6	.5								4.5	4.9
S	1.8	2.7	2.1	1.3	.1							8.0	6.6
SSW	.8	1.9	1.4	1.2								5.3	7.3
SW	2.1	1.2	1.2	.6								5.0	5.6
WSW	.6	1.9	1.9	.8								5.1	6.9
W	1.3	1.9	1.5	.4								5.1	6.0
WNW	1.2	2.7	1.3	.9								5.6	6.3
NW	.9	.9	2.1	.5								4.4	7.0
NNW	.6	1.0	1.7	.8								4.1	7.3
VARIABLE	2.8											2.8	1.9
CALM	////////////////////											1.2	////
TOTALS	23.1	33.4	28.0	13.5	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 779

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.3	3.5	.9								7.7	7.1
NNE	.5	2.1	4.4	.7								7.7	7.2
NE	.5	1.2	3.1	1.3								6.1	7.9
NNE	.3	1.2	2.5	1.7	.1							5.7	9.0
E	.5	.7	1.6	1.6								4.6	8.4
ESE	.5	.9	1.2	.1								2.7	6.3
SE	.4	.8	.8	.1								2.1	6.6
SSE	.3	.3	.7	.3								1.4	7.6
S	.1	1.0	.7	.9								2.7	8.6
SSW	.4	2.0	1.6	2.1								6.0	8.7
SW	.3	1.2	3.2	3.3	.8							10.7	9.9
WSW	.7	1.1	6.4	4.6	1.0							14.7	9.6
W	.4	2.1	4.6	3.4	.1	.3						10.8	9.4
WNW	.3	.7	2.6	2.9	.5							6.9	10.8
NW	.3	1.3	1.2	1.0	.3							4.0	8.6
NNW	.3	.9	1.2	.1								2.5	6.9
VARIABLE	3.4											3.4	2.0
CALM	////////////////////////////////////											.4	////
TOTALS	9.9	20.5	41.2	24.8	2.9	.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 769

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 WSAFSTAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/PAO

STATION NUMBER: 085502      STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: JUL      HOURS(LST): 0600-0800

DIRECTION LOGICAL	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56			
N	1.7	2.2	1.6	.3								5.7	5.3
NNE	2.0	4.6	2.4	.4								9.4	5.5
NF	1.7	2.0	2.7	.5								6.9	6.0
NNE	.9	1.3	1.3	.4								3.9	6.4
E	.9	1.0	1.2	.5								3.5	6.5
ESE	.8	.9	.4	.1								2.2	5.2
SE	.4	.9	1.2	.1								2.6	6.5
SSE	.5	.7	.3	.3								1.7	5.7
S	1.0	1.0	2.2	.8								5.1	6.9
SSW	.5	2.0	2.9	2.0								7.3	8.2
SW	1.2	3.1	5.6	3.1								13.0	8.1
WSW	1.4	4.2	7.2	1.8	.1							14.7	7.4
W	2.7	4.9	2.2	.9								8.7	5.8
WNW	.7	1.2	1.7	1.0	.1							4.7	8.1
NW		1.0	2.2	.4	.3							3.9	8.3
NNW	.7	1.2	.3									2.1	4.7
VARIABLE	1.7											1.7	2.0
CALM	////////////////////////////////////											3.0	////
TOTALS	18.6	50.0	35.2	12.6	.5							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 759

JOURNAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/FAO

STATION NUMBER: 003500      STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: JUL      HOURS(LST): 0300-0500

DIRECTION (OF OBS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	4.0	1.7									7.7	4.8
NNE	1.9	4.4	3.1	.3								9.7	5.7
NE	1.3	3.0	1.3	.3								5.8	5.3
NNE	1.2	1.0	.3	.1								2.6	4.1
E	.6	.4	.5									1.5	4.8
ESE	.6	.5	.4									1.5	4.5
SE	1.9	.5	1.2									3.6	4.4
SSE	.6	.6	.5									1.8	5.0
S	1.9	1.7	1.7	.6								5.9	5.8
SSW	.6	2.8	3.6	.8								7.9	6.7
SW	1.3	4.5	7.9	2.6								16.3	7.5
WSW	2.1	2.6	3.6	1.3								9.5	6.8
W	1.7	4.9	2.3	.4								9.3	5.9
WNW	1.0	1.5	1.4	.9	.4							5.3	7.1
W	.8	.9	.5	.3								2.5	5.6
NNW	1.0	1.2	.1	.3								2.6	5.0
VARIABLE	2.5											2.5	1.9
CALM	////////////////////////////////////											4.0	////
TOTALS	23.2	34.6	30.1	7.7	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 775

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (OF GUSTS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	2.3	2.5	.1								11.5	5.3
NNE	2.8	4.2	4.0	.1								11.1	5.6
NE	1.1	3.0	1.4	.4								5.9	5.7
ENE	1.1	.6	.3									2.0	3.6
E	.9	.4	.3									1.5	3.9
ESE	.1	1.0	.4									1.5	5.5
SE	1.0	1.0	.1	.1								2.3	4.1
SSE	.6	.6	.3	.3								1.8	5.1
S	1.6	1.9	1.9	.1								5.5	5.5
SSW	.3	3.0	3.2	.9								7.3	7.1
SW	1.1	4.7	4.7	2.0								12.6	7.0
WSW	1.5	3.7	3.8	1.8								10.7	6.9
W	2.5	4.0	2.9	.4								9.8	5.5
WNW	.4	2.0	1.3	.8								4.4	6.8
W	1.3	1.0	.6	.5								3.4	5.6
NNW	2.0	1.3	.6	.5								4.4	5.1
VARIABLE	2.9											2.8	1.5
CALM	////////////////////////////////////											1.4	////
TOTALS	23.8	38.7	28.1	7.9								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 793

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLTAC  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.3	3.1	3.7	1.9								10.1	7.3
NNE	1.3	2.4	2.5	1.6	.0							7.9	7.2
NE	.9	1.7	1.2	.9	.0	.0						4.8	7.0
NNE	.6	.7	1.5	1.1	.1	.0						4.1	8.4
E	.5	.9	1.3	.7	.0							3.3	7.6
ESE	.5	.7	.5	.4								2.1	6.8
SE	.3	.5	.5	.1								1.6	6.0
SSE	.4	.6	.6	.1								1.8	6.0
S	.5	1.3	1.6	1.1	.1							4.7	7.9
SSW	.8	1.7	2.3	2.1	.2	.0						7.3	8.6
SW	1.0	2.4	3.7	2.5	.4							10.1	8.6
WSW	1.2	2.7	3.6	1.7	.1	.0						9.4	7.7
W	1.6	3.0	3.7	3.1	.1	.0						11.6	8.1
WNW	.7	1.9	2.8	2.5	.3							8.3	8.9
NW	.7	1.3	1.7	1.2	.1							5.0	8.1
NNW	.5	1.4	1.9	.9	.1							4.7	7.6
VARIABLE	2.3	.0										2.3	1.9
CALM	////////////////////////////////////										1.0	////	
TOTALS	15.3	26.6	33.1	22.2	1.7	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 6039

GLOBAL CLIMATOLOGY BRANCH  
NASFETAC  
AIR WEATHER SERVICE/NAAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	3.9	5.5	.5							12.7	6.1
NNE	1.2	2.9	2.3	1.8							8.1	7.4
NE	1.1	2.0	.7	1.1							4.9	6.8
NNE	.9	1.4	1.2								3.5	5.4
E	.4	.9	1.2	.3							2.8	7.0
ESE	.5	.3	.5								1.4	5.4
SE	.3	.8		.1							1.2	5.1
SSE	.5	.9	.8								2.3	5.2
S	.4	1.5	1.8	1.2	.1						5.0	8.4
SSW	1.8	3.4	1.1	.7							6.9	5.7
SW	1.8	3.1	2.3	1.6	.1						8.9	6.8
WSW	2.4	2.7	2.2	1.1							8.4	6.0
W	3.2	2.3	2.4	.8							8.8	5.4
WNW	1.1	3.5	2.0	.5							7.2	6.0
NW	2.2	2.6	1.5	.5							6.8	5.4
NNW	1.6	3.0	3.0	.4							8.0	5.9
VARIABLE	1.8										1.8	1.6
CALM	////////////////////										1.5	////
TOTALS	23.9	35.1	28.5	10.7	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 740



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.6	6.8	4.3								13.8	9.1
NNE	1.0	2.6	2.3	2.7	.1							8.8	8.0
NE	.4	2.3	.4	.8	.3							4.2	7.2
ENE	.3	.9	2.7	1.3	.1	.1						5.3	9.3
E	.1	.9	.9	1.0								3.0	8.4
ESE		1.0	.4									1.4	5.7
SE	.3	.4	.1									.8	4.8
SSE	.3	.7	.7									1.6	5.5
S	.4	1.0	1.2	1.0								3.6	8.1
SSW	.1	.9	1.3	1.4								3.6	9.2
SW	.5	1.6	2.0	.7								4.7	6.8
WSW	.5	2.2	2.5	2.3								7.5	8.3
W	.7	2.9	5.3	4.7	.1							13.7	8.9
WNW	.7	2.0	5.3	3.9	.5							12.4	9.2
NW	.3	2.3	3.9	1.8	.1							8.5	8.4
NNW	.3	1.4	2.7	2.1	.1							6.6	9.2
VARIABLE	.5											.5	2.3
CALM	////////////////////////////////////											////	
TOTALS	6.4	25.5	38.5	28.1	1.4	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 769

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.7	3.1	3.6								9.1	5.9
NNE	.5	2.4	2.9	2.7								8.6	8.4
NE	.1	.9	1.2	.9		.3						3.5	10.0
ENE	.1	.4	2.0	3.2	.4	.1						6.3	11.3
E	.1	.5	.9	1.5								3.1	9.5
ESE	.1	.5	.5	.3								1.5	7.4
SE		.5	.4	.1								1.1	6.9
SSE		.5		.4								.9	8.0
S	.4	.7	.8	.9	.1							2.9	8.5
SSW	.3	.8	1.1	2.1	.5	.1						5.0	11.2
SW	.1	1.1	3.8	2.4	.8							8.2	10.5
WSW	.3	1.1	4.0	2.3	.4							8.0	9.7
W	.5	2.4	5.8	7.1	.4	.1						16.4	10.0
WNW	.1	1.2	3.8	7.0	.7							12.7	11.3
W	.3	.5	2.4	2.8	.8							6.8	11.2
NNW	.1	1.5	1.6	.9	.3							4.4	8.7
VARIABLE	1.5											1.5	2.4
CALM	////////////////////////////////////												////
TOTALS	5.4	16.9	34.3	38.3	4.4	.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 065507 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(1ST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	3.1	2.6	3.4							10.2	8.1
NNE	.3	1.4	2.1	1.7							5.5	8.7
NE	.4	.5	1.7	1.0	.1	.1					3.9	9.2
NNE	.1	.7	2.0	2.2	.1						5.1	10.3
E	.4	.8	1.4	1.4							4.1	8.9
ESE		.4	.1	1.3							1.8	11.4
SE		.3	.9	.1							1.3	8.9
ESE		.1	.9	.7							1.7	9.8
S	.3	.5	1.3	.8	.3						3.1	9.5
ESW		.5	1.3	3.1	.9	.1					6.0	12.6
SW	.1	1.4	3.5	4.5	.9						10.5	11.0
WSW	.5	2.9	4.1	2.5	.3						10.2	8.7
W	.5	2.4	4.7	7.3	.7						15.6	10.6
WNW	.4	1.6	2.5	5.2	.8						10.5	11.1
NW		.3	.9	2.8	.1						4.1	11.5
NNW		.7	1.3	1.7							3.7	9.9
VARIABLE	2.2	.1									2.4	2.5
CALM	////////////////////										.1	////
TOTALS	6.3	17.7	31.5	39.9	4.2	.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 752

LOCAL CLIMATE DIVISION  
USAFETAC  
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 045007 STATION NAME: GILKE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	1.3	3.4	1.6								7.1	7.8
NNE	.5	1.7	2.4	2.5								7.1	8.5
NE	.1	2.0	1.8	1.2								5.1	7.9
NNE	.7	.7	2.5	1.2								5.0	8.3
E	.3	.9	1.2	.8	.1							3.3	8.3
ESE	.1	.9	.4	.9								2.4	8.3
SE		.7	.7	.4								1.7	7.9
SSE	.4	.3	1.2	.1								2.0	6.9
S	.3	1.3	1.8	1.4	.1							5.0	8.7
SSW	.1	1.6	3.4	3.9	.4							9.4	10.1
SW	.4	1.2	3.3	5.5	1.2							11.5	11.2
WSW	.5	2.0	5.5	3.1								11.1	9.0
W	.8	1.4	5.0	3.4								10.6	9.1
WNW	.3	.9	2.4	2.5	.5							6.5	10.3
WW		.8	1.7	1.2								3.7	8.8
NNW	.1	.7	2.1	1.3	.1							4.3	9.0
VARIABLE	4.4											4.4	2.0
CALM	////////////////////												////
TOTALS	9.8	16.2	38.6	31.0	2.5							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	3.3	3.3	1.1							8.4	6.9
NNE	1.5	4.0	2.6	.7							6.7	6.2
NF	1.5	2.4	1.5	.9							6.2	6.0
ENE	1.2	.9	.5	.7							3.3	6.4
E	1.2	1.2	.7	.1							3.2	5.0
ESE	1.1	.9	.8	.8							3.6	6.4
SE	.7	.5	.9	.3							2.4	5.5
SSE	.8	1.5	.5								2.8	4.9
S	.9	1.6	2.5	1.7	.1						6.9	7.9
SSW	1.1	1.5	3.8	2.8							9.1	8.5
SW	1.1	2.6	5.7	3.0	.1						12.5	8.2
WSW	1.6	3.8	4.2	1.3	.1						11.1	7.0
W	.9	4.0	2.0	.9							7.8	6.4
WNW	.1	1.8	2.9	.7	.3						5.8	8.0
NW	.5	1.3	1.2	.3							3.3	6.2
NNW	.1	1.6	1.6	.4							3.7	7.0
VARIABLE	1.5										1.5	2.4
CALM	////////////////////////////////////										1.8	////
TOTALS	16.4	30.9	34.7	15.6	.7						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 758

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 055500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	4.0	1.6	.5							8.0	5.7
NNE	2.8	3.6	2.4	.5							9.3	5.3
NE	2.0	2.1	.5	.5							5.2	4.9
NNE	.8	.5	.3	.1							1.7	4.8
E	.7	.9	1.9								3.5	6.1
ESE	1.1	.7	.8	.1							2.7	5.4
SE	.8	.5	.5								1.9	4.5
SSE	.9	.4	.3								1.6	4.2
S	.8	2.0	1.9	.9							5.6	6.8
SSW	1.9	2.7	4.1	1.2							9.9	6.6
SW	1.7	3.9	5.0	1.1	.3						11.9	7.0
WSW	2.1	3.9	3.1	.1							9.2	5.6
W	2.5	4.8	2.0	.3							9.6	5.1
WNW	1.5	2.7	1.7	.3							6.2	5.5
NW	.8	1.7	.7	.1							3.3	5.4
NNW	.8	1.3	1.3								3.5	5.7
VARIABLE	4.4										4.4	1.5
CALM	////////////////////////////////////										2.5	////
TOTALS	27.6	35.9	28.1	5.6	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 747

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: WILZEL-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	5.3	3.0	.3							11.5	5.4
NNE	2.8	2.9	2.9	.6							9.1	5.7
NE	1.7	1.0	1.8	.7							5.1	6.0
ENE	1.1	.7	.8								2.6	5.1
E	.6	.8	2.1	.4							3.9	7.1
ESE	.8	.8	.4								2.1	4.6
SE	.8	.7	.8								2.4	5.2
SSE	.4	.8	.1								1.4	4.3
S	1.0	2.2	1.8	.6							5.5	6.3
SSW	1.7	2.9	2.6	1.2							8.4	6.6
SW	2.1	4.6	4.4	1.2							12.3	6.4
WSW	1.4	3.0	3.5	1.0	.1	.1					9.1	7.0
W	3.7	4.3	2.1	.4							10.5	5.1
WNW	1.7	1.7	1.4	.1							4.8	5.1
NW	1.4	.8	1.0	.3							3.5	5.3
NNW	1.2	1.0	1.2								3.5	5.4
VARIABLE	2.4										2.4	1.5
CALM	////////////////////////////////////										1.8	////
TOTALS	27.6	33.5	30.1	6.8	.1	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(IST): ALL

DIRECTION (GEOGRAPHIC)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	3.1	3.6	2.0	.1						10.0	7.6
NNE	.9	2.6	3.1	1.5	.1						8.2	7.5
NE	.9	2.3	2.2	2.1	.4	.1					8.1	8.7
ENE	.6	1.0	2.0	2.4	.8	.1					6.8	10.3
E	.7	.8	1.4	2.1	.8	.0					5.8	10.4
ESE	.5	1.0	.9	.7	.2						3.4	7.9
SE	.7	1.1	1.0	.3	.0						3.1	6.1
SSE	.6	1.3	1.2	.4	.0						3.6	6.4
S	1.0	2.1	2.7	1.8	.3	.1	.0				8.0	8.1
SSW	.9	2.0	2.1	2.2	.3	.0					7.5	8.6
SW	.9	1.5	2.7	1.9	.1	.0					7.1	8.2
WSW	.8	1.8	2.2	1.6	.1	.0					6.5	8.0
W	.9	1.6	2.2	1.7	.2	.0					6.5	8.3
WNW	.5	1.2	1.4	1.3	.1						4.6	8.2
NW	.5	.6	1.5	1.3	.1	.0					4.1	8.9
NNW	.3	.9	1.2	1.0	.0	.0					3.5	8.4
VARIABLE	2.2	.0									2.3	2.0
CALM	////////////////////										1.0	////
TOTALS	14.2	25.0	51.5	24.3	3.6	.4	.0				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 6235



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.5	3.2	1.9	.1						6.9	8.8
NNF	.3	1.5	4.1	1.8							7.7	8.4
NE	.3	1.2	2.8	1.5							5.8	8.6
NNE		.6	2.2	1.8	.1						4.7	9.9
E	.4	1.3	1.8	2.2	.5						6.2	9.7
ESE		.3	.8	.5							1.5	9.2
SE	.1	.5	.9	.1							1.7	6.9
SSE		.1	1.4	.3							1.8	8.9
S	.3	.5	.4	.5	.1	.1					1.9	9.5
SSW	.1	.8	1.2	2.2	.1						4.4	10.4
SW		1.4	2.7	3.7	.4						8.2	10.8
WSW	.4	1.3	4.4	5.0	.3						11.3	10.0
W	.4	2.3	6.5	6.4	.8	.1					16.5	10.0
WNW	.5	.9	2.9	5.1	.4						9.9	11.1
W	.4	.4	2.4	1.0	.8						5.0	10.3
NNW	.4	.9	1.9	.6							3.8	7.9
VARIABLE	2.3	.1									2.4	2.5
CALM	////////////////////////////////////										.3	////
TOTALS	6.0	15.6	39.6	34.6	3.6	.3					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 780

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	2.0	5.0	2.8								9.9	9.1
NNE	.1	1.7	3.2	2.2								7.2	8.6
NE	.3	.9	2.2	1.4		.1						5.0	9.0
ENE	.3	1.3	2.2	1.3	.1							5.3	8.9
E	.1	.9	1.8	2.0								4.9	9.5
ESE	.3	.7	.4	.3								1.6	6.7
SE		.3	.7	.1								1.1	7.9
SSE		.3	.4	.3								.9	8.0
S	.1	.7	.7	.7								2.1	8.4
SSW	.1	.8	1.6	1.1								3.6	8.6
SW		.1	2.1	2.1	.7	.1						5.1	12.1
WSW	.9	1.3	2.6	4.0	.7							9.5	9.9
W	.3	1.6	6.9	7.5	.8							17.0	10.5
WNW	.4	1.1	5.1	6.3	1.2							14.1	10.9
WW	.1	.9	2.1	3.4								6.6	10.5
WNW		.5	2.5	1.8								4.9	9.6
VARIABLE	1.2	.1										1.3	2.2
CALM	////////////////////												////
TOTALS	4.3	15.2	39.5	37.3	3.4	.3						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 759

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 065500 STATION NAME: GILZE-RIJN, NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.4	7.3	3.4	.1							13.2	8.7
NNE	.8	3.4	3.5	1.6								9.3	7.3
NF	.9	1.2	2.0	.8								4.8	7.3
NNE	.4	1.6	2.2	.4	.3							4.8	7.8
E	.3	.5	1.2	1.0								3.0	9.2
ESE	.4	.5	.1									1.0	4.6
SE	.3	.5	.5									1.3	5.4
SSE		.5	.3									.8	5.8
S	.3	.4	.4	.4								1.4	7.0
SSW	.4	.7	1.2	.4								2.6	7.1
SW	.5	.7	1.7	.9	.1							3.9	8.2
WSW	.5	1.6	3.4	2.9	.3							8.6	9.4
W	.8	2.9	6.5	4.8	.3							15.3	9.0
WNW	.8	2.4	4.8	4.8	.3							13.1	9.2
NW	.4	2.6	3.0	2.9	.1							9.0	8.5
NNW	.5	1.7	3.0	1.4	.1							6.8	8.4
VARIABLE	.9											.9	2.0
CAL	////////////////////////////////////												////
TOTALS	8.6	22.9	41.2	25.8	1.6							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3	7.8	5.2	.5							15.7	5.8
NNE	1.5	4.2	3.3	.4							9.3	6.0
NE	1.1	2.9	2.1	.1							6.3	5.6
NNE	.9	.4	.6								1.9	5.0
E	.4	.5	.5								1.4	5.9
ESE	1.0	.8	.3								2.0	4.3
SE	.6	.3	.4	.1							1.4	5.0
SE	.1	.8	.4								1.3	5.5
S	1.0	1.1	.6	.1							2.9	5.1
SSW	1.4	2.1	1.3								4.8	5.2
SW	1.5	4.3	2.6	1.4	.1						9.9	6.5
WSW	2.4	3.5	3.3	1.8	.1						11.1	6.7
W	2.8	4.3	1.6	.5	.1						9.3	5.2
WNW	2.1	2.6	2.9	1.0							8.7	6.2
NW	.9	3.0	1.3	.4	.1						5.7	6.1
NNW	1.1	2.4	2.0	.1							5.7	5.8
VARIABLE	1.8										1.8	1.4
CALM	////////////////////										1.0	////
TOTALS	22.9	40.9	28.3	6.4	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	3.5	3.7	1.2	.0						9.8	6.9
NNE	1.2	3.3	3.5	.9							8.9	6.6
NE	.9	1.9	2.2	.8		.0					5.8	6.8
NNE	.6	1.0	1.4	.7	.1						3.9	7.6
E	.5	.7	1.1	.9	.1						3.3	8.1
ESE	.5	.7	.5	.1							1.8	5.8
SE	.6	.6	.7	.1							2.0	5.6
SSE	.3	.5	.5	.2							1.4	6.4
S	.8	1.0	1.1	.5	.0	.0					3.5	6.7
SSW	.5	1.8	2.0	1.2	.0						5.5	7.7
SW	.8	2.5	4.1	2.4	.3	.0					10.0	8.4
WSW	1.2	2.5	4.3	2.9	.3						11.3	8.3
W	1.5	3.1	4.2	3.0	.3	.0					12.1	8.2
WNW	.8	1.5	2.8	2.8	.4						8.3	9.2
NW	.5	1.4	1.7	1.1	.2						5.0	8.3
NNW	.8	1.3	1.5	.6	.0						4.1	7.0
VARIABLE	2.1	.0									2.1	1.9
CALM	////////////////////										1.3	////
TOTALS	14.8	27.4	55.3	19.5	1.6	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 6235

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.9	3.9	2.7	.1								9.6	5.0
NNE	2.7	5.1	4.7									12.5	5.6
NE	2.4	1.7	1.0	.1								5.2	4.3
ENE	.8	1.1	.1	.2								2.3	4.7
E	1.6	.4	.1	.7								2.8	5.6
ESE	1.0	1.9	1.1									4.0	5.1
SE	1.0	1.3	.7									3.0	4.8
SSE	.8	.2	.5	.2								1.8	5.5
S	2.1	2.7	.8	.7								6.3	5.1
SSW	1.6	4.5	2.7	.6								9.3	6.2
SW	1.9	4.0	3.3	1.6	.1							10.9	6.6
WSW	2.2	2.9	1.7	.8								7.6	5.6
W	3.5	5.4	1.0	.4								10.3	4.7
WNW	1.9	2.2	.1	.2								4.5	4.0
NW	1.2	1.0	.4	.1								2.7	4.5
NNW	.4	1.0	.4	.5								2.2	6.5
VARIABLE	3.4											3.4	1.4
CALM	////////////////////////////////////											1.7	////
TOTALS	31.4	39.2	21.2	6.4	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	3.3	2.4									8.1	5.2
NNE	2.7	5.1	3.6	.1								11.7	5.5
NE	1.5	2.2	.9	.1								4.6	4.9
NNE	1.2	.7	.1									2.1	3.3
E	1.1	.5	.2	.2								2.1	4.6
ESE	1.5	1.3	1.2									4.0	4.7
SE	1.3	1.3	1.2									3.9	4.9
SSE	1.7	1.0	.1	.1								2.9	3.6
S	2.0	2.6	.9	1.0								6.3	5.7
SSW	1.5	3.8	3.2	1.2								9.6	6.5
SW	2.2	5.3	5.4	1.2	.1							14.2	6.5
WSW	2.4	3.3	1.6	.7								8.1	5.6
W	3.8	4.3	.7	.1	.1							9.0	4.4
WNW	1.5	1.7	.5	.2								3.9	5.1
NW	.9	.6	.6	.1								2.2	4.7
NNW	.9	.9	.9									2.6	5.0
VARIABLE	3.3											3.3	1.6
CALM	////////////////////////////////////											1.3	////
TOTALS	31.6	37.9	23.7	5.3	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	3.1	2.2	.2								7.1	5.6
NNE	2.4	3.5	3.6	.5								10.0	5.8
NE	1.9	2.2	2.2	.2								6.5	5.6
ENE	.5	.8	.4	.1								1.8	5.7
E	1.8	.7	.7	.4								3.6	4.8
ESE	1.3	1.2	1.2	.2								4.0	5.6
SE	1.3	1.0	.4									2.6	4.2
SSE	2.3	1.0	.1	.1								3.5	3.3
S	2.4	3.7	1.4	1.4	.1							9.1	6.3
SSW	1.4	2.3	3.6	3.6								8.9	7.1
SW	2.2	3.5	5.1	2.5								13.2	7.1
WSW	1.6	3.5	1.8	1.4								8.3	6.7
W	2.2	4.3	1.8	.1								8.4	4.8
WNW	2.2	1.1	1.1	.2								4.6	4.7
NW	1.2	.5	.2	.2								2.2	4.7
NNW	.6	.7	.8	.1								2.3	6.1
VARIABLE	2.9											2.9	1.5
CALM	////////////////////											1.0	////
TOTALS	29.7	33.1	26.6	9.5	.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 831



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	1.6	2.3	1.0							5.7	7.4
NNE	1.4	1.2	3.5	1.1							7.2	7.4
NF	.6	2.7	3.3	1.0							7.5	7.1
ENE		1.2	2.3	.8	.1						4.5	8.6
E	.9	1.0	1.3	1.3							4.5	7.9
ESE	1.0	1.1	1.2	.6	.1						4.0	7.0
SE	.7	1.2	1.2	.5							3.6	6.7
SSE	.1	1.1	1.1	.1							2.4	6.8
S	1.1	1.7	1.9	1.2	.6						6.5	8.2
SSW	.2	1.8	3.0	2.5	.5						8.1	9.4
SW	.2	2.2	3.7	3.4							9.5	8.9
WSW	1.0	2.2	3.0	2.7	.8						9.7	9.1
W	1.3	2.8	3.3	2.9	.2						10.5	8.3
WNW	.4	1.6	2.2	.7	.8						5.7	8.9
NW	.5	1.1	1.4	1.2							4.2	8.1
NNW		.6	1.9	.6							3.1	8.3
VARIABLE	3.3										3.3	2.3
CALM	////////////////////											////
TOTALS	13.5	24.9	36.7	21.6	3.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 428

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.5	2.8	1.6	.1						6.8	8.3
NNE	.4	2.1	4.3	2.0							8.8	8.3
NF	.3	2.1	1.9	1.1							5.4	7.8
ENE		1.1	1.5	1.8	.1						4.5	9.3
E	.5	.9	2.1	2.9	.5						6.9	10.3
ESE	.3	.8	1.0	.8	.1						2.9	8.5
SE		.9	1.4	.4							2.6	8.0
SSE	.4	1.0	.5	.1							2.0	6.3
S	.3	1.1	1.6	1.1	.4						4.5	9.4
SSW	.4	1.0	1.3	2.5	.4	.1					5.6	10.4
SW		2.0	3.0	2.9	.4						8.3	9.5
WSW	.4	1.4	3.8	2.9	.5						8.9	9.8
W	.9	1.9	4.6	3.5	.6						11.5	9.3
WNW	.3	.5	2.9	2.8	.3	.1					6.8	10.7
NW	.5	1.1	2.4	1.8	.8						6.5	9.8
NNW	.3	1.3	1.8	1.3	.1						4.6	8.6
VARIABLE	3.5	.1									3.6	2.3
CALM	////////////////////////////////////											////
TOTALS	8.8	20.9	36.6	29.3	4.3	.3					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 800

GLOBAL CLIMATOLOGY BRANCH  
USAF/LTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.6	3.6	2.4	.2						7.8	9.4
NNE	.1	2.1	3.1	3.2							8.6	8.9
NF	.2	1.7	1.9	1.6							5.5	8.3
NNE		1.4	1.5	1.7	.2	.1					5.0	9.9
E	.4	1.4	1.7	2.9							6.3	9.4
ESE	.2	.6	1.2	.7	.1						3.0	8.9
SE	.2	.6	1.0	.1							2.0	6.4
SSE	.1	.4	.6	.1	.1						1.4	7.5
S	.2	.2	1.6	1.1	.2						3.5	9.7
SSW	.1	1.4	1.4	1.2	.4						4.5	9.2
SW	.5	2.4	1.5	2.4	.4						7.1	8.9
WSW	.4	1.2	3.2	1.9	.1						6.8	9.0
W	.2	2.9	4.5	5.1	.4						13.0	9.8
WNW	.1	1.5	3.8	3.7	.5						9.7	10.0
NW		.7	2.6	3.3	.4	.1					7.2	10.6
NNW	.2	.2	2.4	2.1	.2						5.2	10.3
VARIABLE	3.7										3.7	2.5
CALM	////////////////////											////
TOTALS	6.9	20.3	35.6	33.6	3.3	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: PILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(IST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	4.7	6.1	2.3								14.3	7.5
NNE	.9	4.1	2.6	2.1								9.6	7.4
NE	.7	2.6	1.2	.7								5.2	6.5
NNE	.7	1.9	2.2	1.1								6.0	7.4
E	.7	1.8	1.3	.7	.2							4.9	7.3
ESE	.6	.7	.5	.5								2.3	6.4
SE	.9	1.1	.1									2.1	4.1
SSE	.5	.4	.5									1.3	5.5
S	.5	1.1	1.2	.5								3.3	6.9
SSW	.9	1.7	.6	.5								3.6	5.8
SW	.9	1.0	1.5	1.1	.1							4.5	7.8
WSW	.9	2.7	1.7	.7	.1							6.1	6.7
W	1.0	3.2	5.0	2.3								11.4	7.5
WNW	.6	3.5	3.6	3.2	.1							11.1	8.2
NW	.2	2.2	3.6	1.5								7.5	7.9
NNW	.7	.6	2.6	2.1								6.0	9.0
VARIABLE	.9											.9	1.6
CALM	////////////////////////////////////												////
TOTALS	12.6	33.3	34.3	19.2	.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 823

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035500 STATION NAME: BILZE-RIDEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.7	7.4	5.0	.1								15.1	5.5
NNE	2.5	5.1	3.1	.4								11.1	5.5
NF	1.5	3.0	1.0									5.4	4.7
ENE	1.2	1.8	.7	.4								4.1	5.4
E	.8	.6	.5	.2								2.2	5.3
ESE	.8	.8	.6									2.3	5.1
SE	1.5	1.0	.5									2.9	4.0
SSE	1.3	.6	.8	.1								2.9	5.1
S	.8	1.1	1.2	.2								3.4	5.9
SSW	1.1	2.1	1.0	.7								4.8	5.9
SW	1.0	4.2	1.9	.8								8.0	6.2
WSW	1.7	4.6	1.6	.8								8.7	5.7
W	2.7	3.6	1.1	.2								7.6	4.7
WNW	1.7	4.2	.8	.2								7.0	4.9
NW	.7	2.2	1.1	.1								4.1	5.5
NNW	2.1	1.9	1.5	.5								5.9	5.3
VARIABLE	3.3											3.3	1.6
CALM	////////////////////											1.1	////
TOTALS	27.3	44.3	22.4	5.0								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	2.4	3.4	1.0	.0						9.3	6.6
NNE	1.6	3.6	3.6	1.2							9.9	6.6
NE	1.1	2.3	1.6	.6							5.7	6.2
ENE	.6	1.3	1.1	.8	.1	.0					3.8	7.4
E	1.0	.9	1.0	1.2	.1						4.1	7.7
ESE	.9	1.1	1.0	.4	.0						3.3	6.3
SE	.9	1.1	.8	.1							2.9	5.4
SSE	.9	.7	.5	.1	.0						2.3	5.1
S	1.2	1.9	1.3	.9	.2						5.4	6.9
SSW	.9	2.3	2.1	1.4	.2	.0					6.8	7.5
SW	1.1	3.1	3.2	2.0	.1						9.5	7.5
WSW	1.3	2.7	2.3	1.5	.2						8.0	7.3
W	2.0	3.6	2.7	1.8	.2						12.2	7.0
WNW	1.1	2.0	1.9	1.4	.2	.0					6.6	7.6
NW	.7	1.2	1.5	1.0	.1	.0					4.6	7.9
NNW	.6	.9	1.5	.9	.0						4.0	7.7
VARIABLE	1.0	.0									3.0	1.9
CALM	////////////////////////////////////										.6	////
TOTALS	20.3	31.8	29.6	16.1	1.5	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 6561

AD-A159 863

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY 'LISOCs'  
GILZE-RIJEN NETHERLANDS(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. 05 AUG 85

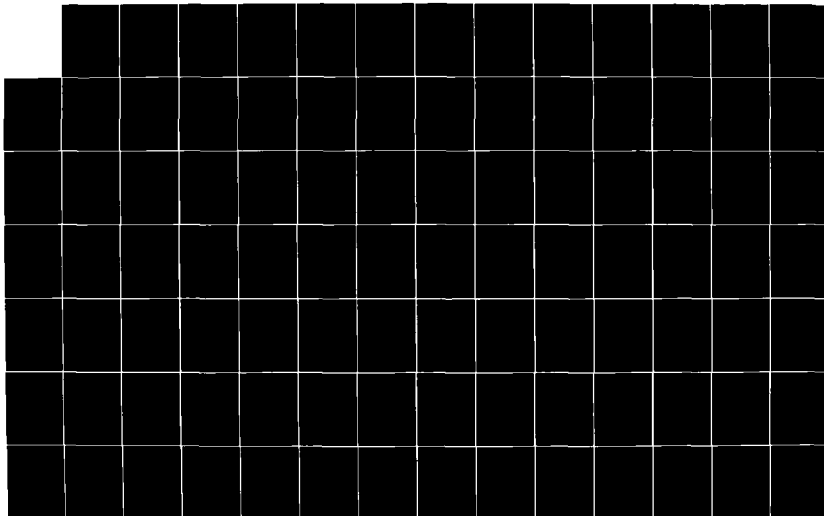
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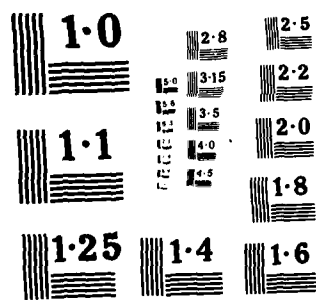
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GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	1.9	.4									4.0	4.0
NNE	2.0	2.5	.9									5.3	4.4
NE	1.4	.9										2.2	3.4
NNE	.9	.2	.1									1.2	3.4
E	1.6	.9	.5	.4								3.3	5.0
ESE	1.7	1.4	2.1	.2								5.4	5.7
SE	.6	1.4	1.9									3.8	6.1
ESE	1.5	2.1	.9	.2								4.7	4.9
S	2.8	4.6	2.8	1.6	.2							12.1	6.2
SSW	2.0	4.9	6.0	1.0	.1							14.1	6.7
SW	1.4	5.3	3.5	1.9	.1							12.1	6.9
WSW	2.2	5.3	3.6	3.0	.4		.2					14.7	7.7
W	2.3	4.0	1.1	.4	.5							8.3	5.8
WNW	1.5	.4		.1								2.0	3.4
NW	.7	.5	.1		.1							1.5	5.2
NNW	.7	.4	.1									1.2	3.8
VARIABLE	3.0											3.0	1.5
CALM	////////////////////////////////////											1.1	////
TOTALS	28.0	36.4	24.0	8.8	1.5		.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 810

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZF-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.5	.5	.1							3.2	4.7
NNE	1.8	2.7	.5								5.0	4.4
NE	1.8	1.1	.1								3.0	3.5
ENE	.9	.4	.1								1.3	3.7
E	1.2	.4	.2								1.8	3.6
ESE	1.0	.9	1.1								2.9	5.7
SE	1.5	1.5	2.3	.2							5.5	6.0
SSE	1.9	1.9	1.1	.4							5.4	5.1
S	2.1	3.9	4.1	1.7	.1	.1					12.0	6.9
SSW	1.8	3.5	4.7	2.6	.1	.1					12.9	7.6
SW	1.7	6.0	5.8	2.3	1.0						16.8	7.7
WSW	1.6	5.0	2.7	2.7	.2						12.2	7.3
W	2.7	3.2	1.8	.4	.2						8.3	5.4
WNW	1.0	.9	.2	.4							2.4	5.0
NW	.5	.2		.2	.1						1.1	6.6
NNW	.6	1.5									2.1	4.0
VARIABLE	2.7										2.7	1.5
CALM	////////////////////////////////////										1.5	////
TOTALS	25.9	34.3	25.4	10.9	1.8	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 822

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	1.1	.2									2.9	3.6
NNE	1.2	2.2	.1	.1								3.7	4.3
NF	1.2	1.0	.6									2.8	4.3
ENE	.4	.7		.1								1.2	4.5
E	1.5	.5	.6	.1								2.7	4.4
ESE	1.7	1.1	.6	.2								3.7	4.5
SE	2.5	2.0	1.6	.4								6.4	4.9
SSE	1.0	1.3	1.2	.4								3.9	6.1
S	3.2	2.7	4.9	2.9								13.7	7.1
SSW	2.5	3.9	5.0	4.4	.6	.4						16.8	8.3
SW	1.2	3.3	6.1	4.4	.4							15.4	8.6
WSW	1.2	5.0	3.7	1.8	.1							11.9	7.1
W	1.1	3.3	1.1	.7								6.2	5.9
WNW	1.0	1.0	.7	.5								3.2	5.8
NW	.1	.6										.7	4.3
NNW	.5	.5										1.0	3.1
VARIABLE	2.7											2.7	1.1
CALM	////////////////////////////////////											1.0	////
TOTALS	24.5	30.3	26.6	16.2	1.1	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 416

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	1.4	.7								2.5	5.4
NNE	.7	.6	1.0	.1							2.5	6.1
NE	.9	1.4	1.4		.2						3.3	6.6
NNE	1.1	.6	1.0	.4							3.1	6.0
E	.6	.9	1.0	.4							2.8	6.4
ESE	.9	.7	1.0	.2							2.3	5.9
SE	1.2	1.7	1.8	.9							5.7	6.5
SSE	.7	1.4	1.2	.4							3.7	6.2
S	.9	1.8	3.7	4.6	.5						11.5	9.6
SSW	.7	1.2	4.3	5.5	.4	.4					12.6	10.6
SW	.7	2.6	5.9	6.7	.7						16.6	10.0
WSW	.4	2.5	4.6	3.8	1.4						12.6	10.0
W	1.2	3.1	3.3	3.0	.6	.1					11.3	8.8
WNW	.7	1.1	1.7	1.2							4.3	8.3
NW	.4	.6	.2	.5							1.7	7.6
NNW	.1	.4	.6								1.1	6.4
VARIABLE	2.3										2.3	1.8
CALM	////////////////////											////
TOTALS	13.1	21.5	33.5	27.6	3.8	.5					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 811

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063507 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	1.3	.6	.1								2.4	6.5
NNE	.7	.8	.8									2.4	5.5
NE	.1	.5	1.3	.5								2.4	8.1
ENE	.2	.2	1.4	.5								2.4	8.5
E	.2	1.1	1.6	.8								3.7	8.3
ESE	.1	.7	.8	.4								2.0	7.8
SE	.4	1.1	1.8	.6								3.8	7.6
SSE	.2	1.4	1.3	1.6	.1							4.7	8.5
S	.2	.7	3.6	3.5	.7	.1						8.8	10.5
SSW		.7	3.2	6.1	1.3	.7						12.1	12.7
SW	.5	1.6	3.6	6.5	1.1	.2						13.4	11.2
WSW	.4	1.7	3.6	5.9	.5							11.9	10.6
W	.6	1.9	6.2	4.7	1.9							15.3	10.6
WNW	.1	1.0	1.2	3.0	.6	.1						6.0	11.2
NW	.4	.5	.7	1.8	.2							3.6	10.1
NNW	.2	.4	1.0	.8								2.4	8.4
VARIABLE	2.7											2.7	2.2
CALM	////////////////////												////
TOTALS	7.3	15.5	33.0	36.6	6.5	1.2						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	1.0	1.5	1.3								3.9	8.7
NNE	.2	.4	1.5	.4								2.4	8.0
NF	.5	.5	1.3	.2								2.6	6.7
ENE	.1	.6	2.2	.2								3.2	7.9
E	.4	1.6	1.3	.5								3.8	6.9
ESE	.5	1.3	.7	.4								2.9	6.3
SE	.1	.7	1.6	.4								2.8	7.9
SSE	.1	.9	1.3	1.2	.2							3.8	9.5
S		1.8	3.2	3.7	.4							9.0	9.8
SSW	.2	1.2	2.8	3.9	.6	.4						9.2	10.9
SW	1.2	1.0	3.5	4.6	1.1		.1					11.6	11.0
WSW	1.5	1.6	3.8	4.4	.7							12.0	9.4
W	.7	2.7	5.9	5.5	1.3							16.1	10.1
WNW	.2	1.2	3.1	2.6	.2							7.3	10.0
NW		1.1	1.2	2.0	.1							4.4	9.6
NNW	.2	.5	.6	1.2								2.6	9.5
VARIABLE	2.1											2.1	2.1
CALM	////////////////////////////////////											.2	////
TOTALS	8.3	16.1	35.6	32.5	4.8	.4	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 816

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(1ST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	3.4	2.6	.4								7.5	6.2
NNE	1.3	1.3	.6	.1								3.4	4.8
NE	.7	2.1	.5									3.3	4.5
ENE	.5	1.0	.9									2.3	5.3
E	1.1	1.6	1.3	.1								4.1	5.3
ESE	.7	1.9	.7	.2								3.5	5.6
SE	.4	2.9	.6									3.9	5.1
SSE	.5	1.7	1.1	.1								3.4	5.9
S	2.2	3.9	1.7	1.6	.1							9.5	6.5
SSW	1.1	3.6	3.6	1.2	.5	.6	.1					10.8	8.7
SW	1.9	3.5	2.4	2.1	.2							10.2	7.2
WSW	1.8	3.8	2.6	1.7	.4							10.2	7.1
W	2.6	3.4	3.3	1.6	.4							11.2	6.9
WNW	1.2	1.7	1.9	1.0								5.8	6.7
NW	.9	2.3	1.3	.2								4.7	5.6
NNW	.7	.6	1.1									2.4	5.4
VARIABLE	2.3											2.3	1.8
CALM	////////////////////											1.2	////
TOTALS	21.2	36.7	26.3	10.3	1.6	.6	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 822

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.0	2.7	.7								5.4	4.1
NNE	3.0	1.6	.4								4.9	3.7
NE	.6	1.4	.6								2.6	4.8
NNE	1.0	.4	.4								1.7	3.9
E	1.2	.9	1.7	.4							4.2	5.9
ESE	1.0	.7	1.4	.1							3.2	5.9
SE	1.2	2.3	1.1	.1							4.8	5.4
SSE	1.1	2.1	.5	.2							3.9	5.1
S	2.0	4.1	3.8	1.0	.2						11.1	6.7
SSW	2.3	5.5	3.7	2.1	.2	.4	.1				14.4	7.5
SW	2.1	5.0	2.7	3.2		.2					13.3	7.5
WSW	2.3	3.1	2.0	2.2	.6						10.2	7.6
W	2.1	3.4	1.6	.4	.1						7.6	5.4
WNW	.9	1.4	.1	.1	.1	.1					2.7	6.3
NW	.4	.9	.4								1.6	4.8
NNW	.7	1.2	.6								2.6	4.7
VARIABLE	3.7	.1									3.8	1.5
CALM	////////////////////										1.8	////
TOTALS	27.6	36.8	21.7	9.9	1.4	.7	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: WILKE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.8	.9	.2							4.0	5.5
NNE	1.4	1.5	.7	.1							3.7	4.8
NE	.8	1.1	.7	.1	.0						2.8	5.2
ENE	.5	.5	.8	.2							2.1	5.9
E	1.0	1.0	1.0	.3							3.3	5.9
ESE	.9	1.0	1.1	.2							3.3	5.8
SE	1.0	1.7	1.6	.3							4.6	6.0
SESE	.9	1.6	1.3	.6	.0						4.2	6.4
S	1.7	2.9	3.5	2.6	.3	.0					11.0	7.8
SSW	1.3	3.1	4.2	3.4	.5	.4	.0				12.8	9.0
SW	1.3	3.5	4.2	4.0	.6	.1	.0				13.7	8.8
WSW	1.4	3.5	3.3	3.2	.5		.0				12.0	8.4
W	1.7	3.1	3.1	2.1	.6	.0					10.6	8.0
WNW	.8	1.1	1.1	1.1	.1	.0					4.2	8.0
NW	.4	.8	.5	.6	.1						2.4	7.4
NNW	.5	.7	.5	.5							1.9	6.1
VARIABLE	2.7	.0									2.7	1.7
CALM	////////////////////////////////////										.9	////
TOTALS	19.4	28.9	28.3	19.2	2.8	.5	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 6548

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	.9	.6									2.3	4.0
NNE	.7	1.2	.4									2.7	5.1
NF	.6	1.0	1.4	.5								3.4	6.9
NNE	1.3	1.0	.8	.2								3.0	5.7
E	1.7	.7	1.9	.6	.2							5.1	7.1
ESE	1.5	1.9	1.4	1.1								5.9	6.7
SE	2.5	2.5	1.7	.7								7.4	5.4
SSE	2.0	2.4	2.5	.1								7.0	5.7
S	1.2	3.3	3.8	2.1	.6			.1				11.2	8.3
SSW	1.0	4.6	3.3	2.7	.7	.1						12.5	8.5
SW	1.1	4.4	6.1	3.8	.6							15.9	8.6
WSW	.8	3.6	2.7	1.2								8.3	7.0
W	1.3	2.6	1.4	1.0	.4							6.7	6.9
WNW	.8	1.4	.5	.1								2.9	5.0
NW	.4	.9		.1								1.3	4.6
NNW	.1	.4	.4	.1								1.0	6.8
VARIABLE	2.5											2.5	1.7
CALM	////////////////////											1.0	////
TOTALS	20.5	32.1	29.4	14.4	2.5	.1		.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 841

JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 053500 STATION NAME: GILDE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(EST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-59
N	.4	.6	.4	.1								1.4	5.5
NNE	1.1	1.3	.9	.2								3.5	5.4
NE	.5	1.2	1.3	.1								3.1	6.2
NNE	.8	.4	.5	.2								1.9	5.6
E	1.5	.1	1.3	1.9	.1							5.0	8.3
ESE	1.7	1.4	1.3	.7								5.1	6.0
SE	2.2	2.8	2.0	.6								7.7	5.7
ESE	1.4	3.2	2.2	.1								7.0	5.5
S	.9	4.4	4.5	1.9	.9	.1	.3					12.7	8.5
SSW	1.2	5.4	5.6	2.9	.6	.4						16.3	8.4
SW	1.7	4.5	4.4	3.4	.5							14.4	8.1
WSW	.9	3.3	2.1	1.5	.7	.1						8.7	8.5
W	.5	2.8	.6	1.2								5.1	6.6
WNW	.5	.6	.1	.2	.1							1.5	6.3
WW	.1	.2	.7	.1								1.2	7.1
WNW		.4	.4									.7	6.2
VARIABLE	5.1	.1										3.2	1.8
CALM	////////////////////////////////////										1.7	////	
TOTAL	14.3	37.7	28.4	15.3	2.9	.6	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 844

GLOBAL CLIMATE DATA BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 (TABLE 1A)      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/PAL

STATION NUMBER: 063500      STATION NAME: WILLEM-HOLLEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: OCT      HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.0		.1							1.7	3.9
NNE	.7	.8	.6	.4							2.5	5.9
NE	.6	1.0	1.4	.6							3.6	6.9
NNE	.6	.8	.9	.6							2.9	5.8
E	1.1	.7	1.2	1.1							4.1	7.4
ESE	.9	2.3	1.8	.1							5.0	5.5
SE	2.2	2.5	2.3	1.2							8.9	5.8
SSE	1.6	2.1	2.0	.5							7.2	5.8
S	1.4	3.9	4.6	3.5	.7						14.3	8.5
SSW	.7	3.5	4.9	4.1	1.6						14.7	9.6
SW	1.0	4.7	5.4	2.6	.2	.1					14.0	8.0
WSW	1.1	2.3	3.1	2.2							8.6	8.0
W	1.5	2.4	1.2	.7	.2						6.1	5.4
WNW	.8	.6	1.0	.2							2.6	5.9
WW	.2	.4	.4								1.0	5.9
NNW	.1	.1									.2	2.5
VARIABLE	1.9										1.9	1.4
CALM	////////////////////										1.1	////
TOTALS	17.7	30.2	30.5	17.9	2.8	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 834

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 AIR WEATHER SERVICE/MAL

FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 043500 STATION NAME: MILZE-VIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: NOV HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.7	.6	.3		.3					2.7	8.4
NNE	.1	1.4	1.0	.4	.3						3.2	7.7
NE	.4	1.4	.6	.6							3.0	6.6
NNE	.4	.6	.4	1.1	.4						3.3	9.0
E	1.3	.4	.4	1.0							3.0	6.8
ESE	.8	1.0	1.4	.8							3.9	7.1
SE	.4	1.1	2.0	.3							3.8	7.1
SSE	.9	1.3	.8								2.9	5.1
S	1.1	1.8	3.5	3.3	.8						10.5	9.3
SSW	.9	3.2	3.8	5.7	2.4	.9					16.9	11.5
SW	2.3	2.5	4.9	6.0	.9	.6	.1				17.4	10.0
WSW	1.6	3.2	2.8	2.0	1.0	.1					10.8	8.5
W	1.1	3.0	1.5	2.3	1.0	.3					9.3	9.5
WNW	.9	1.4	1.4	.8	.3						4.6	7.6
NW		.4	.4	.5							1.3	8.4
NNW	.1	.6	.7	.3							1.1	6.7
VARIABLE	1.6										1.6	1.6
CALM	////////////////////////////////////										.8	////
TOTALS	14.3	24.5	26.0	25.2	7.0	2.2	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 739

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 003500 STATION NAME: WILZEHIDEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	1.0		.2							2.5	7.2
NNE	.5	.5	.9	.4	.2							2.5	7.7
NE	.6	1.2	.9	.5								3.2	6.5
NNE	.7	1.1	.5	2.2	.5							5.1	9.8
E	1.2	.4	.4	.5	.1							2.6	6.5
ESE	.4	1.0	1.1	1.0								3.5	8.3
SE	1.0	1.9	1.5	.4								4.7	6.0
SSE	1.0	2.2	1.4	.4								5.0	5.8
S	.9	2.6	3.5	3.6	.5							11.1	9.2
SSW	.7	3.2	3.5	7.0	2.1	.7	.1					17.5	11.6
SW	.7	2.7	4.2	4.7	.9	.4						13.7	10.1
WSW	1.6	2.4	1.9	2.6	1.5	.1						10.1	9.6
W	.6	1.5	1.6	2.6	.2							7.6	8.8
WNW	.4	1.6	1.2	1.4	.2	.1	.2					5.2	10.2
NW	.2	1.0	.9	.2								2.4	6.9
NNW	.2	.6	.4									1.2	5.3
VARIABLE	1.1											1.1	1.3
CALM	////////////////////											.9	////
TOTALS	12.5	25.9	24.8	27.6	6.6	1.4	.4					109.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: MELLEFRIDEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
0	.1	1.2	1.5	1.2								4.1	8.6
NNE	.6	.6	.7	.2	.1							2.4	7.0
NE	.2	1.0	.9	.7	.2							3.1	8.6
ENE	.6	1.7	1.1	1.7	.5							5.7	9.1
E	.4	.2		1.2								1.9	9.8
ESE	.7	.9	1.2	.7								3.6	6.9
SE	.5	1.7	.7	.2								3.2	6.1
SSE	.2	1.5	1.5	1.0								4.2	7.7
S	1.0	1.5	2.9	2.4	.4	.1	.1					8.4	9.2
SSW	.2	2.0	3.7	6.4	2.4	.7						15.5	12.2
SW	1.1	3.6	3.9	6.2	1.2	.1						16.2	9.9
WSW	1.1	1.9	3.4	4.9	1.0							12.2	9.8
W	.2	2.1	2.6	3.0	.7							9.4	9.5
WNW	.7	1.0	1.7	1.6	.5	.4						6.0	10.4
NW		.1	1.1	.4								1.6	9.6
NNW		.4	.7	.2								1.4	8.3
VARIABLE	1.1											1.1	1.7
CALM	////////////////////												////
TOTALS	9.7	21.6	27.8	32.3	7.1	1.4	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: WILZEL-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.6	1.5	1.0	.1						3.2	9.7
NNE	.2	.6	.7	.7							2.3	7.9
NW	.1	.6	1.1	.5							2.3	8.1
ENE		.6	1.1	1.1	.6						3.4	11.4
E	.6	.7	.9	1.4	.1						3.7	8.8
ESE	.5	.9	.7	.7							2.8	7.6
SE	.5	.7	1.7	.7							3.7	7.8
SSE	.5	.9	1.7	.1	.4						3.6	8.1
S	.7	1.7	3.2	2.7	1.0	.1					9.5	9.9
SSW	.2	1.0	3.7	7.3	3.0	.6					15.8	12.9
SW	1.4	2.7	4.6	8.0	1.7	.2					18.1	10.8
WSW	.5	1.0	4.2	4.4	.7						10.8	13.6
W	.7	3.2	2.5	3.9	1.6	.6					12.6	11.1
WNW	.4	.4	.6	.6	.4	.1	.1				2.6	11.0
WW	.1	.7	1.2	1.0							2.6	9.4
NNW	.1	.5	.9	.7							2.2	9.5
VARIABLE	.6										.6	1.8
CALM	////////////////////////////////////										.1	////
TOTALS	7.4	15.8	30.3	35.0	9.6	1.7	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.6	1.7	.2							3.1	6.8
NNE	.5	.5	.5	.2							1.7	6.2
NE	.7	.7	1.0	.6	.1						3.2	7.3
ENE	.1	.2	1.0	.5	.9						2.7	12.0
E	1.0	.5	.9	.6							2.9	7.0
ESE	1.1	.7	.6	1.2							3.7	7.4
SE	.4	1.5	1.5	.7							4.0	7.5
SSE	1.1	1.3	.9	.6							3.9	6.0
S	1.3	1.6	2.9	2.9	.5	.2					9.6	9.5
SSW	.7	2.8	4.4	8.3	3.2	.4					19.9	11.8
SW	1.6	2.7	5.1	7.0	1.1	.1					17.6	9.8
WSW	.6	2.6	4.5	3.7	.9		.1				12.3	9.8
W	.5	3.2	1.6	1.7	.5	.5					8.0	9.4
WNW	.1	.9	1.7	.5							3.2	8.0
NW	.4	.4	.5	.4							1.6	7.3
NNW	.2	.2	.6	.1							1.2	6.8
VARIABLE	1.2										1.2	2.0
CALM	////////////////////										.2	////
TOTALS	12.1	20.3	29.4	29.4	7.1	1.2	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 816

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(UT): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N	1.5	.5	.2								2.2	3.8
NNE	.1	.4	.5	.4							1.3	8.1
NE	.5	1.0	1.5	.2	.2	.1					3.5	7.9
NNE	.5	.8	.7	1.0	.6						3.6	9.6
E	1.5	.5	.8								2.8	5.0
ESE	.2	.5	1.2	.7							2.7	9.0
SE	.9	1.7	2.2	.1							4.8	6.2
SSE	1.0	1.3	.5	.4	.1						3.3	5.9
S	1.5	2.2	2.9	2.9	1.6	.1					11.2	9.8
SSW	1.1	3.3	5.6	6.3	1.6	.1					17.9	13.0
SW	.7	2.8	7.4	5.5	1.0	.6	.1				18.1	10.3
WSW	.5	2.9	3.0	2.5	.7		.1				9.8	9.4
W	1.2	3.8	1.8	2.1	.5						9.3	7.8
WNW	.7	.6	1.2	.2							2.8	6.3
W	.2	.8	.7	.4							2.2	6.8
NNW	.5	.4	.5	.2	.2						1.8	8.2
VARIABLE	2.1										2.1	1.7
CALM	////////////////////										.6	////
TOTALS	14.5	23.4	30.8	22.9	6.5	1.0	.2				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 825

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (OJGREFS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.7	.6		.4							2.6	7.0
NNE	.6	.1	.6	.5	.1							2.0	8.8
NE	.1	1.0	.7	.5	.1							2.4	8.1
NNE	.6	.6	1.5	.6	.4							3.7	8.5
E	.6	.5	1.5		.1							2.7	6.7
ESE	1.1	1.1	1.9	.7								4.8	6.7
SE	.9	1.5	.7	.1								3.2	5.0
SSE	1.3	.9	1.0	.1	.1							3.4	5.5
S	.7	2.6	3.9	3.2	.7	.1						11.2	9.6
SSW	1.1	2.4	5.9	5.6	2.1	.2						17.3	10.5
SW	1.0	2.9	6.8	4.6	.9	.2	.2					16.7	9.8
WSW	1.3	2.8	3.9	3.2	.7	.1						12.1	8.9
W	1.3	3.1	2.6	1.7	.4	.2						9.3	8.0
WNW	.9	.9	1.5	1.1	.1							4.4	8.1
NW	.2	.7	.1	.4								1.5	6.8
NNW	.2	.4	.1									.7	4.7
VARIABLE	1.5											1.5	1.3
CALM	////////////////////											.6	////
TOTALS	14.0	22.5	33.2	22.3	6.1	1.0	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	.9	.4			.4					2.2	8.2
NNE	.7	.5	.5	.4	.2						2.3	7.9
NE	.6	1.2	1.7	.4	.2						4.1	7.4
NNE	.4	.2	1.0	.9	.1						2.6	9.0
E	1.2	.7	.6	.6							3.2	5.8
ESE	.4	1.2	1.0	.7							3.3	7.3
SE	.4	.5	2.1	.1							3.0	6.9
SSE	.4	.7	.7		.1						2.0	6.3
S	1.6	2.9	4.0	3.5	.6						12.6	8.6
SSW	1.0	3.4	5.0	7.1	1.7	.1					18.3	10.6
SW	1.0	2.4	6.3	5.5	1.2	.2					16.7	10.1
WSW	1.6	3.9	2.4	3.3	.5	.4					12.1	8.6
W	1.7	2.6	2.6	2.6	.2	.2					9.9	8.3
WNW	.2	1.1	1.1	.5	.1						3.0	7.6
NW	.1	.4	.6	.2							1.3	7.3
NNW	.1	.2	.5	.1							1.0	7.9
VARIABLE	1.8										1.8	1.7
CALM	////////////////////////////////////										.6	////
TOTALS	13.8	22.9	30.5	25.9	5.1	1.3					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 820

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	.8	.7	.1								2.3	5.4
NNE	.7	.8	.7	.4	.0							2.7	6.4
NE	.5	.9	1.1	.7	.0							3.1	7.6
NNE	.6	.7	.9	.6	.2	.0						3.0	8.0
E	1.1	.8	1.4	1.1	.2							4.7	7.8
ESE	1.2	1.8	1.5	.8	.1							5.5	6.7
SE	1.6	2.2	2.3	.7	.0							6.8	6.2
SSE	1.1	2.3	2.3	.7	.1							6.4	6.7
S	1.0	3.3	4.1	3.1	.6	.1	.0	.0				12.3	8.9
SSW	.9	3.5	4.0	4.4	1.0	.2						14.0	9.7
SW	1.1	3.7	4.6	3.9	.6	.0						14.0	8.9
WSW	.9	2.7	3.1	2.0	.3	.0						9.0	8.3
W	1.1	2.4	1.9	1.7	.3	.0						7.4	7.9
WNW	.6	.8	.8	.6	.1							3.0	7.5
NW	.3	.6	.5	.3	.0							1.7	7.4
NNW	.2	.4	.4	.1								1.1	6.6
VARIABLE	2.2	.0										2.2	1.7
CALM	////////////////////////////////////											.8	////
TOTALS	15.7	27.8	30.3	21.3	3.7	.4	.0	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 6736

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	.4	.2	.2								2.1	4.5
NNE	1.1	.5	.6	.2								2.4	5.6
NE	.7	.6	1.0	.8								3.1	7.4
ENE	.4	.5	1.3	.2								2.4	7.0
E	1.5	1.9	1.5	1.2								6.0	6.7
ESE	1.7	1.7	1.5	1.0	.1							5.9	6.6
SE	1.9	2.7	2.4	.4								7.4	5.7
SSE	1.3	2.1	2.2	.6	.4							6.5	6.9
S	1.3	5.0	3.1	2.3	.4	.1	.1	.1				12.5	8.3
SSW	1.1	3.9	3.1	2.3	1.5	.1						12.0	9.2
SW	1.3	4.8	5.7	3.1	.2	.1						15.4	8.0
WSW	1.2	3.7	3.0	1.7	.1							9.8	7.2
W	.8	2.7	1.3	.2								5.1	5.8
WNW	1.0	.7	.4	.2								2.3	5.2
NW	.2	.6	.1									1.0	4.0
NNW	.2	.5	.2	.1								1.1	6.1
VARIABLE	3.5											3.5	1.4
CALM	////////////////////											1.6	////
TOTALS	20.6	32.2	27.7	14.8	2.7	.4	.1	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.0	.8	.2							3.1	5.7
NNE	1.1	1.1	.6	.1							2.9	5.0
NE	.5	.6	1.0	1.0	.1						3.1	8.3
NNE	.6	1.2	1.8	.4							3.9	6.7
E	1.4	1.8	1.8	1.3	.1						6.4	7.3
ESE	1.9	1.9	1.0	.4							5.1	5.3
SE	1.3	3.2	2.1	.2	.1						7.0	5.7
SSE	1.1	2.6	3.2	.6	.1						7.6	7.0
S	1.0	3.6	2.5	2.7	.2	.2					10.2	8.6
SSW	.8	4.6	3.6	2.9	.4						12.3	8.2
SW	1.4	4.9	3.3	2.9	.4						12.9	7.7
WSW	1.4	3.0	2.4	1.2	.2						8.2	7.0
W	1.4	3.1	1.7	1.0							7.1	6.2
WNW	.7	1.2	1.2								3.1	6.1
NW	.8	1.1	.2	.2							2.4	4.8
NNW	.4	.8	.5								1.7	5.4
VARIABLE	2.0										2.0	1.5
CALM	////////////////////////////////////										1.0	////
TOTALS	18.9	35.6	27.6	15.0	1.7	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 840

REGIONAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.6	1.4	.1							3.9	6.0
NNE	.1	.5	.8	.4	.1						1.9	8.4
NF	.7	.9	.8	.8	.2						3.5	8.1
NNE	.5	1.0	.8	1.1	.7						4.1	9.9
E	.6	.6	1.3	1.2	.2						4.0	8.7
ENE	.4	2.0	1.3	1.1	.1						4.9	7.7
SE	.5	1.4	2.0	.8							4.8	7.4
SSE	.4	2.2	1.7	1.2							5.4	7.5
S	1.2	1.9	4.6	3.6	.8	.1					12.3	9.6
SSW	.5	2.2	3.7	6.6	.5	.4					13.8	10.9
SW	.6	2.3	3.2	4.6	.7						11.4	10.1
WSW	.5	1.3	2.6	2.5							7.0	9.2
W	1.7	2.8	3.7	4.1	.5						12.8	8.9
WNW	.1	.7	1.4	2.2	.2						4.7	10.2
NW		.4	.7	.8							1.9	10.0
NNW	.2	.4	.6	.2							1.4	7.3
VARIABLE	2.0										2.0	2.0
CALM	////////////////////										.1	////
TOTALS	10.7	22.0	31.0	31.4	4.2	.5					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 831



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.6	1.4	.1							2.4	6.6
NNF	.2	.6	.7	1.4	.1						3.1	9.7
NF		.7	.5	.6							1.8	8.7
FNE	.1	.5	1.2	1.2	.5	.1					3.5	11.0
E	.6	.4	1.4	.4	.6						3.3	9.5
EUF	.6	1.9	2.9	1.4	.4						7.2	8.3
SE	.5	.9	2.6	.9							4.9	8.0
SSE	.5	1.3	1.8	1.3							4.8	8.4
S	.2	1.4	4.5	4.9	.4	.1					11.5	10.2
SSW	.3	1.8	3.3	7.8	1.5	.4					14.8	11.8
SW	.7	1.9	3.1	5.8	1.6	.1					13.2	11.3
WSW	.4	1.4	4.0	3.5	.7						10.0	10.3
W	.5	1.4	3.2	3.9	.7						9.6	13.3
WNW	.4	.6	1.3	1.2	.5						3.9	10.0
NW	.2	.7	1.6	.6	.2						3.4	9.3
NNW	.1	.5	.1	.6							1.3	8.5
VARIABLE	1.3										1.3	2.0
CALM	////////////////////											////
TOTALS	6.6	16.5	33.5	35.5	7.2	.7					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 850

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.8	.6	.2							2.0	6.4
NNE	.6	.9	.4	.6							2.4	6.7
NE	.2	.6	1.1	1.1							3.0	9.6
ENE	.5	.6	.7	.7	.4						2.9	9.0
E	.7	.6	.8	1.1	.2						3.5	8.7
ESE	1.1	1.6	1.1	1.1	.2						5.0	7.4
SE	1.3	1.7	2.9	.6							6.5	6.7
SSE	.5	1.6	2.4	1.2							5.6	7.7
S	1.0	2.9	5.3	4.0	.8						13.9	9.1
SSW	1.4	2.3	4.4	5.9	1.6	.1					15.7	10.4
SW	.8	2.3	5.9	4.9	.8						14.7	9.7
WSW	.7	2.9	4.6	2.5	.4						11.0	8.7
W	1.1	1.7	2.3	1.3	.5	.1					6.9	8.8
WNW	.6	.7	1.0	.2	.2						2.8	7.4
NW		.2	.5	.4	.1						1.2	10.6
NNW	.2	.4	.8	.1							1.6	6.8
VARIABLE	1.0										1.0	1.9
CALM	////////////////////////////////////										.4	////
TOTALS	12.1	21.6	34.6	25.9	5.3	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 835

LEGAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/WHC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 005600 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	.9	1.0	.3	.1	.1						2.8	7.6
NNE	.4	.6	.7	.4	.1							2.2	7.7
NE	.4	1.0	1.0	.5	.1	.0						3.1	7.5
ENE	.5	.8	.9	1.1	.5							3.8	9.7
E	1.0	.5	.7	.7	.0							2.9	7.0
ESE	.6	.9	1.1	.8								3.5	7.4
SE	.6	1.3	1.6	.3								3.8	6.6
SSE	.8	1.3	1.0	.3	.1							3.5	6.3
S	1.1	2.1	3.4	3.1	.8	.1	.0					10.5	9.4
SSW	.8	2.7	4.5	6.7	2.3	.5	.0					17.4	11.3
SW	1.2	2.7	5.4	5.9	1.1	.3	.1					16.8	10.1
WSW	1.1	2.6	3.3	3.3	.9	.1	.0					11.3	9.4
W	1.0	2.9	2.1	2.5	.6	.2						9.4	9.1
WNW	.5	1.0	1.3	.8	.2	.1	.0					4.0	8.8
NW	.2	.5	.7	.4								1.8	7.8
NNW	.2	.4	.5	.2	.0							1.3	7.6
VARIABLE	1.4											1.4	1.6
CALM	////////////////////////////////////											.5	////
TOTALS	12.3	22.1	29.1	27.6	6.9	1.4	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 6465

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.6	.8								2.2	5.6
NNE	.5	1.1	.7								2.3	5.6
NE	.7	1.1	.7	.2							2.8	6.3
NNE		1.4	.7	.8	.2	.1					3.4	9.1
E	.5	1.7	1.9	.4							4.4	6.9
ESE	1.1	1.4	2.2	1.0							5.6	7.3
SE	.8	1.2	3.0	1.7	.1						6.8	8.5
SESE	.5	.8	.7	1.0							3.0	7.6
S	.5	1.1	3.0	2.0	.8	.4	.1				7.9	10.6
SSW	.6	2.3	3.3	4.0	2.2		.4				12.8	11.2
SW	.6	3.2	8.5	6.4	1.2	.1					20.0	9.8
WSW	1.2	2.8	4.2	2.4	.4	.4	.1				11.4	9.0
W	1.2	3.2	1.7	2.5	1.0	.1	.2				10.0	9.3
WNW	.7	1.0	1.4	.5	.2		.1				3.5	9.2
NW		.1	.1	.1	.1						.5	10.8
NNW	.4	.2	.4								1.0	5.5
VARIABLE	1.9										1.9	1.6
CALM	////////////////////////////////////										.6	////
TOTALS	11.4	23.3	33.6	22.9	6.2	1.1	1.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 834

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: DEC HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	.5	1.0									2.1	5.3
NNE	.7	.9	.5	.6	.1							2.8	7.3
NF	.2	.6	.6	.7		.1						2.3	8.3
ENE	.7	1.0	1.1	.7	.1	.1						3.8	8.1
E	.5	1.5	1.4	1.0								4.3	7.2
ESE	.2	1.2	1.6	1.5								4.6	8.7
SE	.9	2.2	2.1	1.1	.2	.1						6.6	7.7
SSE	.5	.9	1.5	1.1	.5							4.4	9.3
S	1.5	2.2	1.5	2.5	.7							8.4	8.9
SSW	1.2	1.1	3.8	4.1	1.1	.5	.2					13.0	13.6
SW	1.0	3.4	6.6	6.5	1.7	.4						19.7	10.1
WSW	.4	2.5	3.2	3.8	.7							10.6	9.8
W	1.1	4.1	1.6	2.0	2.0	.2						10.9	9.7
WNW		.5	1.0	.7	.2	.1						2.6	13.4
WW		.1	.5	.1								.7	7.8
NNW		.2	.4	.1								.7	8.8
VARIABLE	2.0											2.0	1.5
CALM	////////////////////////////////////											.4	////
TOTALS	11.6	23.9	28.3	26.6	7.5	1.6	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: WILZELRIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	.7	.5	.4	.1						2.8	6.1
NNE	.7	1.0	.5	.4	.2						2.8	7.3
NE	.5	1.3	1.1	.2		.2					3.4	7.8
NNE	1.1	.8	.5	.7							3.1	6.5
E	.2	1.4	1.1	1.7							4.8	8.2
ESE	.1	1.0	1.7	1.8							4.6	9.3
SE	1.6	1.7	2.2	1.0	.1						6.5	6.9
SSE	.1	.7	.5	1.2	.5						3.0	11.0
S	.8	1.7	2.4	4.0	.7	.2					9.8	10.5
SSW	1.7	1.7	5.3	5.0	2.2	.1					15.9	10.4
SW	.8	3.4	5.1	5.7	1.6	.2					16.9	10.4
WSW	.8	3.4	2.5	4.1	.5	.1	.1				11.5	9.5
W	.5	2.2	1.8	1.4	1.2	.2					7.3	9.9
WNW	.1	.7	1.3	.7	.5						3.4	9.6
NW		.1	.5	.4	.1						1.1	10.0
NNW	.1	.1	.4	.2							.8	8.7
VARIABLE	2.4										2.4	1.4
CALM	////////////////////////////////////										.1	////
TOTALS	12.7	22.2	27.2	28.9	7.7	1.2	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 835

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.1	.5	.2	.4						2.8	7.3
NNE	.5	1.5	2.2	.7	.2						5.2	7.8
NE	1.0	.6	.6	.6	.2						3.1	7.5
ENE	.5	.6	.6	.4							2.1	7.2
E	.4	1.1	.7	1.0							3.2	7.8
ESE	.5	1.4	2.7	2.3							6.9	8.9
SE	.6	.7	1.4	1.7							4.4	8.4
SSE		1.0	1.1	1.2	.2						3.6	9.5
S	.7	.9	1.7	3.1	1.6	.1					8.1	11.5
SSW	.5	2.0	5.4	7.0	1.7	.1					16.8	10.8
SW	.7	3.3	4.6	6.0	1.6	.5	.1				16.9	10.8
WSW	.6	2.7	2.5	3.5	.7	.2					10.2	9.9
W	.4	3.2	1.7	2.0	1.7	.2					9.2	10.1
WNW	.4	.9	1.1	.7	.1						3.2	8.2
WW	.4	.6	.2	.4							1.6	6.5
NNW		.1	.2	.4							.7	10.0
VARIABLE	1.4										1.4	1.2
CALM	////////////////////////////////////										.5	////
TOTALS	9.1	21.7	27.4	31.3	8.6	1.2	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 311

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	1.0	.5	1.1	.1							2.8	8.8
NNF	.4	.4	.6	1.0								2.8	7.9
NE	.4	1.0	1.7	.6	.4							4.0	8.5
ENE	.1	.4	1.3	.5								2.3	8.7
E	.4	.4	1.7	1.2								3.2	9.3
ESE	.2	1.2	2.5	1.9								5.9	9.1
SE	.4	1.4	2.2	1.1								5.1	8.0
SSE	.4	1.1	1.3	1.3								4.1	8.1
S	.7	.7	2.4	2.8	1.2	.4						8.2	11.4
SSW	1.0	1.3	4.8	5.4	1.8	.1						14.4	11.1
SW	.4	1.4	5.7	5.8	3.1	.5	.2					17.1	12.3
WSW	.1	1.7	2.8	4.6	1.3	.1						10.6	11.4
W	.6	2.2	2.0	4.3	1.4							10.6	11.0
WNW	.4	.6	1.9	1.6								4.5	9.2
NW	.1	.7	1.0	.5								2.3	7.9
NNW		.2	.6	.7								1.6	9.8
VARIABLE	.6											.6	1.2
CALM	////////////////////											.1	////
TOTALS	6.1	14.1	32.6	34.3	9.4	1.1	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 831



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.1	1.4	.5							3.7	6.7
NNE	.1	.9	.5	.6							2.1	7.6
NE	.4	1.0	.7		.2						2.4	7.1
NNE	.1	1.4	1.4	.9	.1						3.8	8.3
E	.6	.6	2.0	1.1	.2						4.6	8.7
ESE	1.0	.6	2.4	1.9							5.8	8.4
SE	.5	1.1	2.4	1.7							5.7	8.4
SSE	.6	.9	1.2	.6							3.3	7.3
S	.2	1.6	3.0	2.0	1.0	.5					8.3	10.8
SSW	.5	2.2	3.7	5.3	1.0	.2					13.0	10.6
SW	.2	1.7	6.1	5.3	2.2	.6					16.2	11.6
WSW	.6	2.7	2.6	4.7	1.4	.2					11.5	10.3
W	.6	1.4	2.1	4.5	1.0	.1					9.7	11.1
WNW	.1	.2	.6	.6	.1						1.7	10.1
NW	.2	.7	1.4	1.5	.1						4.0	9.5
NNW	.2	.9	.7	.4	.1						2.4	8.1
VARIABLE	1.7										1.7	1.9
CALM	////////////////////										.1	////
TOTALS	8.7	19.1	32.1	30.8	7.5	1.7					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 438

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS/LEST: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	1.1	.6	.2							2.8	5.7
NNE	.4	.1	.2	.5							1.2	7.3
NE	.5	.7	.6	.5	.4						2.7	8.6
NNE	.4	1.0	1.9	.1							3.4	6.7
E	1.1	.7	1.9	1.0							4.8	7.5
ESE	1.2	.7	2.1	1.1							5.1	7.4
SE	.6	1.1	3.4	2.1							7.2	8.3
SSE	.5	1.3	1.5	.7							4.0	7.0
S	.4	1.2	2.6	2.8	.4	.7	.1				8.2	11.3
SSW	.9	2.4	4.6	5.4	1.0						14.3	10.1
SW	.7	1.8	6.0	4.8	1.5	.5					15.2	10.6
WSW	1.0	3.3	4.6	3.9	1.1	.1	.2				14.4	9.9
W	.9	1.6	1.7	2.3	.2	.1					6.8	9.0
WNW	.6	.9	1.5	1.0	.2	.1					4.3	8.9
NW	.2	.6	.4	.5							1.7	7.4
NNW	.1	.9	.5	.1							1.6	6.3
VARIABLE	1.9										1.9	1.6
CALM	////////////////////										.5	////
TOTALS	12.2	19.5	34.2	26.9	4.8	1.6	.4				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.5	.7								2.5	5.7
NNE	.7	.7	.5	.2							2.2	5.7
NE	1.0	.5	.6	.1	.2						2.5	6.3
NNE	.5	.5	1.0	.6							2.6	7.8
E	1.0	1.2	1.6	.5							4.4	6.3
ESE	.4	2.1	1.7	1.5	.1						5.9	8.2
SE	.1	2.4	2.6	1.1	.1						6.4	7.9
SSE	.6	1.1	1.4	.7							3.9	7.5
S	.4	1.1	2.1	2.2	.5	.4	.4				7.1	11.8
SSW	.5	1.9	4.0	5.5	1.1	.4					13.4	10.6
SW	1.5	4.2	6.0	7.1	.6	.6					20.1	9.6
WSW	.4	2.7	4.2	3.0	1.0		.2				11.6	10.0
W	.6	2.9	3.0	1.6	.7	.1					9.0	8.9
WNW	.1	1.4	1.4	.9	.1						3.9	8.8
NW	.4	.5	.2								1.1	5.0
NNW	.2	.2	.6								1.1	6.3
VARIABLE	2.0										2.0	1.4
CALM	////////////////////										.4	////
TOTALS	10.7	25.1	31.8	25.2	4.6	1.5	.6				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 831

GLOBAL CLIMATELOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/AMC

STATION NUMBER: 005500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N	.4	.9	.7	.3	.1						2.7	6.5
NNE	.4	.9	.7	.5	.1						2.7	7.2
NE	.6	.9	.8	.4	.2	.0					2.9	7.6
NNE	.4	.9	1.1	.6	.1	.0					3.1	7.8
E	.6	1.1	1.5	1.0	.0						4.2	7.7
ESE	.6	1.2	2.1	1.6	.0						5.5	8.4
SE	.7	1.5	2.4	1.4	.1	.0					6.1	8.0
SSE	.4	1.0	1.1	1.0	.2						3.7	8.4
S	.7	1.3	2.3	2.7	.9	.3	.1				8.3	10.8
SSW	.9	2.0	4.4	5.2	1.5	.2	.1				14.2	10.7
SW	.7	2.8	6.1	6.0	1.7	.4	.0				17.8	10.6
WSW	.6	2.7	3.3	3.6	.9	.2	.1				11.5	10.0
W	.7	2.6	2.0	2.6	1.2	.2	.0				9.2	9.9
WNW	.2	.8	1.3	.8	.2	.0	.0				3.4	9.2
NW	.2	.4	.5	.4	.0						1.6	8.2
NNW	.1	.4	.5	.2	.0						1.2	7.9
VARIABLE	1.7										1.7	1.5
CALM	////////////////////										.3	////
TOTALS	10.3	21.3	50.9	28.4	7.0	1.4	.3				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 6524

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 065600 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-85  
MONTH: ALL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.1	2.0	1.1	.1	.0	.0					6.4	7.4
NNE	.9	1.9	1.9	1.3	.1	.0						5.8	7.3
NE	.7	1.4	1.6	1.0	.2	.0						5.0	7.8
ENE	.5	.9	1.4	1.2	.3	.0						4.4	8.9
E	.7	.9	1.2	1.2	.2	.0						4.2	8.6
ESE	.6	1.1	1.2	.8	.1							3.8	7.5
SE	.7	1.3	1.5	.6	.0	.0						4.1	6.8
SSE	.6	1.2	1.1	.6	.1	.0						3.6	7.1
S	.9	1.9	2.6	2.1	.4	.1	.0	.0				8.1	8.8
SSW	.9	2.1	3.0	3.2	.8	.2	.0					10.2	9.9
SW	.9	2.4	3.0	3.5	.7	.1	.0					11.5	9.5
WSW	1.0	2.4	3.0	2.7	.6	.1	.0	.0				9.7	9.1
W	1.1	2.5	2.8	2.5	.6	.2	.0					9.8	9.1
WNW	.6	1.2	1.6	1.3	.3	.1	.0					5.0	8.9
NW	.4	.9	1.0	.7	.1	.0						3.1	8.2
NNW	.4	.7	1.0	.6	.1	.0	.0					2.7	8.0
VARIABLE	2.0	.0	.0									2.0	1.8
CALM	////////////////////////////////////											.7	////
TOTALS	13.8	24.7	51.0	24.1	4.7	.8	.1	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 76675

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLTAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-85  
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DDFFRST)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.0	1.4	.7	.1	.0						5.6	7.1
NNE	1.1	1.9	1.8	.9	.1	.0						5.8	6.9
NE	.9	1.5	1.9	.9	.2	.0						5.4	7.5
ENE	.7	1.2	1.6	1.1	.1	.0						4.7	8.0
E	1.0	1.3	1.6	1.0	.1							4.9	7.4
ESE	.9	1.5	1.3	.5	.0							4.3	6.4
SE	1.2	1.8	1.5	.4	.0	.0						4.9	6.1
SSE	.8	1.4	.9	.3	.0							3.5	6.0
S	1.3	2.3	2.3	1.3	.4	.0	.0					7.7	7.7
SSW	1.0	2.9	3.4	3.0	.9	.2	.0					11.5	9.3
SW	1.1	3.1	4.6	3.8	.7	.1	.0					13.5	9.1
WSW	1.2	2.6	3.2	2.4	.5	.1	.0					10.0	8.6
W	1.1	2.3	2.3	1.7	.4	.1	.0					7.8	8.2
WNW	.6	.9	1.0	.6	.1	.0	.0					3.4	7.7
NW	.4	.7	.6	.5	.1	.0						2.2	7.6
NNW	.4	.6	.6	.4	.0	.0						2.0	7.0
VARIABLE	2.1	.0										2.1	1.7
CALM	////////////////////////////////////											.7	////
TOTALS	16.7	28.1	30.5	19.5	3.8	.6	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 21854

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airway stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

FEDERAL CLIMATOLOGY BRANCH  
WASH DC 20540  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 061500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-85  
MONTH: JAN HOURS(UTC): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	70	60	50	40	30	20	16	12	10	8	5	4	3
NO DATA																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			25.6	27.6	33.0	34.7	36.7	39.0	40.7	42.4	43.5	43.8	44.1	45.1	45.7	46.5	
GE 4500			26.4	28.5	34.1	36.1	38.0	40.4	42.1	43.8	44.9	45.3	45.6	46.5	47.1	48.0	
GE 4000			27.6	30.2	35.7	37.6	39.6	42.0	43.7	45.4	46.5	46.9	47.1	48.1	48.7	49.6	
GE 3500			30.1	32.5	38.4	40.3	42.6	45.1	46.8	48.5	49.6	49.9	50.2	51.3	51.9	52.7	
GE 3000			34.0	36.9	42.8	44.7	47.3	49.7	51.4	53.2	54.3	54.7	54.9	56.0	56.6	57.5	
GE 2500			37.4	40.3	46.3	48.4	51.3	53.7	55.4	57.2	58.5	58.8	59.1	60.2	60.8	61.6	
GE 2000			40.2	43.5	49.4	52.4	55.7	58.3	60.2	62.2	63.6	63.9	64.2	65.4	66.0	66.9	
GE 1900			41.2	44.5	51.2	53.6	57.4	60.0	62.0	64.6	65.9	66.3	66.5	67.7	68.3	69.2	
GE 1800			43.1	47.1	54.2	57.1	60.7	63.6	65.8	68.3	69.7	70.0	70.3	71.5	72.1	73.0	
GE 1700			45.0	49.9	57.4	60.4	64.4	68.1	70.2	73.0	74.3	74.7	74.9	76.1	76.7	77.6	
GE 1600			46.5	51.3	59.0	62.2	66.9	71.0	73.2	76.0	77.3	77.7	78.0	79.3	79.9	80.8	
GE 1500			46.7	51.4	59.2	62.7	67.6	72.5	74.7	77.6	78.9	79.3	79.5	80.9	81.5	82.3	
GE 1400			46.9	51.9	59.7	63.7	68.9	74.2	76.6	79.5	80.9	81.2	81.5	82.8	83.4	84.3	
GE 1300			46.9	52.0	60.3	64.6	69.9	75.3	77.8	81.0	82.6	83.1	83.3	84.7	85.3	86.1	
GE 1200			46.5	52.1	60.5	64.9	70.8	76.5	79.0	82.5	84.2	84.7	84.9	86.2	86.8	87.7	
GE 1100			46.9	52.1	60.7	65.3	71.6	78.4	81.1	84.8	86.8	87.5	87.7	89.2	89.8	90.6	
GE 1000			47.1	52.4	60.9	65.5	71.9	79.2	82.3	86.2	88.6	89.2	89.5	91.1	91.7	92.7	
GE 900			47.1	52.4	60.9	65.5	72.0	79.5	83.4	87.7	90.4	91.1	91.6	93.2	93.8	94.8	
GE 800			47.1	52.4	60.9	65.5	72.0	79.7	83.8	88.4	91.4	92.2	92.9	95.0	95.6	96.6	
GE 700			47.1	52.4	60.9	65.5	72.0	79.8	83.9	88.8	91.8	92.7	93.4	95.9	96.5	96.5	
GE 600			47.1	52.4	60.9	65.5	72.0	79.8	83.9	88.8	91.8	92.7	93.4	96.0	96.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 821



PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-84  
MONTH: FEB HOURS(LST): 1500-1700

9. 4. 1. 1

2	18000
3	21000
4	8000
5	71000
6	61000

1	5000	31.1	36.5	42.3	44.3	49.4	51.3	52.2	53.6	54.3	54.5	54.7	55.0	55.0	55.1
2	4500	31.6	37.1	42.9	44.9	49.9	51.8	52.7	54.3	54.9	55.0	55.3	55.5	55.5	55.7
3	4000	32.6	38.5	44.2	46.2	51.4	53.3	54.2	55.8	56.3	56.5	56.7	57.0	57.0	57.1
4	3500	34.4	40.9	46.9	47.9	53.3	55.1	56.1	57.7	58.2	58.3	58.6	58.9	58.9	59.0
5	3000	36.3	42.9	49.3	51.3	56.7	58.7	59.7	61.3	61.8	61.9	62.2	62.5	62.5	62.6
6	2500	37.7	44.9	51.9	54.1	59.7	61.8	62.8	64.5	65.0	65.2	65.4	65.7	65.7	65.8
7	2000	39.7	47.7	55.9	58.5	64.8	67.4	68.5	70.2	70.8	70.9	71.2	71.4	71.4	71.6
8	1800	40.4	48.7	57.5	60.1	66.8	70.0	71.2	72.9	73.4	73.6	73.8	74.1	74.1	74.2
9	1500	41.5	50.9	61.9	63.6	71.4	75.2	76.8	78.6	79.4	79.6	79.8	80.4	80.4	80.5
10	1200	42.7	52.5	63.4	66.9	75.8	80.2	82.2	84.4	85.3	85.4	85.7	86.2	86.2	86.4
11	1000	43.6	53.3	64.5	68.5	78.0	82.8	84.9	87.3	88.3	88.4	88.7	89.2	89.2	89.3
12	900	44.5	53.3	64.4	69.2	78.6	83.6	86.0	88.7	89.7	89.9	90.1	90.7	90.7	90.8
13	800	45.1	53.1	65.2	69.6	79.4	84.5	87.2	90.3	91.5	91.6	92.0	92.7	92.7	92.8
14	700	47.1	53.1	65.2	69.6	79.4	84.5	87.3	91.1	92.3	92.4	92.8	93.5	93.5	93.6
15	600	47.1	53.1	65.2	69.6	79.7	84.8	87.6	91.3	92.5	92.7	93.1	93.9	93.9	94.0
16	500	48.1	53.1	65.2	69.6	79.7	85.0	88.1	92.1	93.7	94.0	94.4	95.3	95.3	95.5
17	400	48.3	53.3	65.3	69.7	79.9	85.4	88.5	93.1	94.9	95.2	95.7	96.7	96.7	96.8
18	300	47.3	53.3	65.3	69.7	79.8	85.4	88.7	93.3	95.2	95.6	96.4	97.6	98.0	98.1
19	200	48.3	53.3	65.3	69.7	79.8	85.4	88.7	93.3	95.2	95.6	96.7	98.3	98.7	99.5
20	100	48.3	53.3	65.3	69.7	79.8	85.4	88.7	93.3	95.2	95.6	96.7	98.4	98.9	100.0
21	50	48.3	53.3	65.3	69.7	79.8	85.4	88.7	93.3	95.2	95.6	96.7	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 749

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 1200-1400

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 775

GLOBAL CLIMATOLOGY BRANCH  
 CANALTA  
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 053500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 76-85  
 MONTH: FEB HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	ST	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	70	60	50	40	30	24	20	16	12	10	8	5	4
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			21.6	28.2	33.2	34.3	38.8	43.0	45.3	47.2	48.7	49.6	50.0	50.7	50.7	51.6
GE	4500			21.7	28.3	33.3	34.5	38.9	43.2	45.4	47.4	48.8	49.7	50.1	50.8	50.8	51.7
GE	4000			21.6	28.4	33.6	34.7	39.3	43.8	46.1	48.3	50.0	51.1	51.4	52.1	52.1	53.0
GE	3500			22.5	29.1	34.3	35.5	40.1	44.7	47.0	49.2	50.9	52.0	52.4	53.0	53.0	53.9
GE	3000			23.6	30.5	35.8	37.1	41.8	46.6	49.1	51.4	53.4	54.5	54.9	55.5	55.5	56.4
GE	2500			24.1	31.3	37.0	38.7	43.4	48.3	50.8	53.2	55.1	56.4	56.8	57.5	57.5	58.4
GE	2000			25.3	33.0	39.6	41.4	46.6	52.0	54.9	57.6	59.7	61.2	61.6	62.4	62.4	63.3
GE	1800			25.7	33.4	40.7	42.8	48.3	53.9	56.8	59.6	62.0	63.7	64.1	64.9	64.9	65.8
GE	1500			26.7	35.2	42.4	44.5	50.9	56.7	60.0	62.9	65.3	67.1	67.5	68.3	68.3	69.2
GE	1200			27.6	36.8	44.9	47.4	54.6	60.5	63.8	66.8	69.2	71.1	71.4	72.2	72.2	73.2
GE	1000			27.8	37.5	46.4	49.5	57.5	63.7	67.2	71.3	73.7	75.5	75.9	76.7	76.7	77.6
GE	900			27.9	37.5	46.6	49.7	57.9	64.3	68.2	72.4	74.7	76.6	77.0	77.8	77.8	78.7
GE	800			28.1	38.3	46.8	50.1	58.6	65.7	69.9	74.3	76.7	78.6	78.9	79.7	79.7	80.7
GE	700			28.0	38.3	47.2	50.7	59.1	66.4	70.8	75.5	78.2	80.0	80.4	81.2	81.2	82.1
GE	600			28.0	38.4	47.4	50.8	59.3	66.8	71.4	76.4	79.1	81.1	81.4	82.2	82.2	83.2
GE	500			28.0	38.4	47.5	50.9	59.9	68.2	73.0	78.2	80.9	83.2	83.6	84.6	84.6	85.5
GE	400			28.1	38.4	47.5	50.9	59.9	68.4	73.8	79.5	82.5	84.9	85.3	86.6	86.6	87.8
GE	300			28.0	38.4	47.5	50.9	59.9	68.4	73.9	79.9	83.4	85.8	86.7	88.3	88.4	89.9
GE	200			28.0	38.4	47.5	50.9	59.9	68.4	73.9	79.9	83.4	85.9	87.2	89.9	90.4	93.9
GE	100			28.0	38.4	47.5	50.9	59.9	68.4	73.9	79.9	83.4	86.1	87.4	90.4	91.6	98.3
GE	0			28.0	38.4	47.5	50.9	59.9	68.4	73.9	79.9	83.4	86.1	87.4	90.4	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 750

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILDEFRIEDEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	70	60	50	40	32	24	20	16	12	10	8	5	4
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		21.7	27.1	32.9	34.8	37.4	40.2	43.9	46.7	48.2	48.4	48.8	49.5	50.0	51.3	
GE	4500		22.6	28.1	34.3	35.9	38.5	41.5	45.2	48.2	49.6	49.9	50.3	50.9	51.4	52.7	
GE	4000		23.3	29.3	35.0	37.1	39.7	43.0	46.6	49.6	51.0	51.3	51.7	52.3	52.9	54.3	
GE	3500		24.0	29.7	36.2	38.3	40.9	44.1	47.8	50.8	52.3	52.6	53.0	53.6	54.2	55.6	
GE	3000		25.4	31.1	37.9	40.0	42.7	46.0	49.6	52.7	54.4	54.7	55.1	55.7	56.3	57.7	
GE	2500		26.7	32.9	39.8	42.1	45.2	48.4	52.3	55.7	57.6	57.9	58.3	59.0	59.5	60.9	
GE	2000		28.1	35.3	42.6	44.8	48.2	51.7	55.7	59.2	61.1	61.6	62.0	62.6	63.2	64.6	
GE	1800		28.9	35.9	43.8	46.0	49.5	53.1	57.3	60.8	62.6	63.3	63.7	64.3	64.8	66.3	
GE	1500		29.9	37.5	45.4	48.2	52.2	56.1	60.5	64.3	66.1	66.9	67.3	68.0	68.5	69.9	
GE	1200		30.5	39.1	47.9	50.9	55.3	59.5	63.9	67.8	69.7	70.4	70.9	71.5	72.0	73.4	
GE	1000		31.0	40.2	49.3	52.7	57.4	62.0	66.4	70.4	72.5	73.3	73.7	74.3	74.9	76.3	
GE	900		31.1	40.4	49.7	53.9	58.9	63.5	68.0	72.1	74.2	75.3	75.7	76.3	76.8	78.3	
GE	800		31.4	41.1	50.7	54.8	60.2	65.2	69.8	74.0	76.0	77.1	77.5	78.3	78.8	80.2	
GE	700		31.5	41.5	51.4	55.7	61.5	67.2	71.9	76.4	78.8	79.8	80.3	81.1	81.6	83.1	
GE	600		31.5	41.5	51.6	55.9	62.0	68.1	73.0	77.6	80.2	81.4	81.9	82.8	83.3	84.8	
GE	500		31.6	41.7	51.7	56.0	62.1	68.8	73.8	78.9	81.6	82.9	83.5	84.5	85.0	86.5	
GE	400		31.6	41.7	51.7	56.0	62.1	69.1	74.7	79.9	82.9	84.4	85.3	86.7	87.2	88.7	
GE	300		31.6	41.7	51.7	56.1	62.4	69.4	75.1	81.4	84.5	86.1	87.2	88.8	89.5	91.3	
GE	200		31.6	41.7	51.7	56.1	62.4	69.4	75.1	81.9	85.4	87.0	88.3	90.4	91.0	93.5	
GE	100		31.6	41.7	51.7	56.1	62.4	69.4	75.3	82.0	85.5	87.1	88.7	91.4	92.3	97.8	
GE	0		31.6	41.7	51.7	56.1	62.4	69.4	75.3	82.0	85.5	87.1	88.7	91.4	92.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 758

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 065500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	63	48	40	32	24	20	16	12	10	8	5	4	3
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000																
GE	4500																
GE	4000																
GE	3500																
GE	3000																
GE	2500																
GE	2000																
GE	1800																
GE	1600																
GE	1400																
GE	1200																
GE	1000																
GE	900																
GE	800																
GE	700																
GE	600																
GE	500																
GE	400																
GE	300																
GE	200																
GE	100																
GE	01																

TOTAL NUMBER OF OBSERVATIONS: 705

GLOBAL CLIMATOLOGY BRANCH  
WSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 63	GE 49	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				30.2	36.3	41.1	43.8	47.9	51.1	54.0	56.4	57.6	58.0	58.2	58.8	58.9	59.0
GE 4500				31.1	37.5	42.5	45.3	49.4	52.7	55.5	58.0	59.1	59.5	59.8	60.3	60.4	60.6
GE 4000				32.3	39.3	44.2	47.1	51.4	54.6	57.5	59.9	61.1	61.5	61.7	62.3	62.4	62.5
GE 3500				32.6	39.5	44.9	47.7	52.0	55.3	58.1	60.6	61.7	62.1	62.4	62.9	63.0	63.2
GE 3000				33.2	40.3	46.2	49.0	53.3	56.5	59.7	62.1	63.3	63.7	63.9	64.5	64.6	64.7
GE 2500				35.0	42.7	48.5	51.4	55.6	59.1	62.3	65.0	66.1	66.5	66.8	67.3	67.4	67.6
GE 2000				35.8	43.3	50.6	53.6	58.1	62.1	65.4	68.1	69.3	69.6	69.9	70.4	70.6	70.7
GE 1800				36.2	44.4	51.5	54.6	59.4	63.6	66.8	69.5	70.8	71.3	71.6	72.1	72.2	72.4
GE 1500				38.8	47.7	55.5	58.9	63.7	68.0	71.3	74.2	75.7	76.3	76.5	77.0	77.2	77.3
GE 1200				40.1	49.9	59.4	63.2	68.2	73.0	76.4	79.2	80.8	81.3	81.6	82.1	82.2	82.4
GE 1000				40.6	50.3	61.0	64.7	70.2	75.6	79.1	82.1	83.7	84.2	84.4	85.0	85.1	85.2
GE 900				40.9	51.9	62.3	66.1	71.7	77.4	80.9	84.2	85.7	86.3	86.5	87.0	87.2	87.3
GE 800				41.0	52.3	62.9	67.1	72.9	78.7	82.4	85.6	87.3	87.8	88.1	88.6	88.7	88.8
GE 700				41.2	52.3	63.6	67.8	73.9	79.8	83.5	87.0	89.8	89.4	89.6	90.1	90.3	90.4
GE 600				41.2	52.3	63.6	67.8	74.1	80.2	83.9	87.7	89.5	90.1	90.4	90.9	91.1	91.2
GE 500				41.2	52.4	63.9	68.2	74.4	80.9	85.0	89.0	90.9	91.7	92.0	92.5	92.6	92.7
GE 400				41.2	52.5	64.3	68.6	74.8	81.6	86.1	90.7	92.6	93.5	93.8	94.3	94.4	94.6
GE 300				41.2	52.5	64.3	68.6	75.0	81.7	86.6	91.3	93.4	94.6	94.8	95.5	95.6	95.8
GE 200				41.2	52.5	64.3	68.6	75.0	81.8	86.8	91.7	93.9	95.5	96.0	97.0	97.4	97.8
GE 100				41.2	52.5	64.3	68.6	75.0	81.8	86.8	91.7	94.0	95.6	96.2	97.3	97.8	99.4
GE 0				41.2	52.5	64.3	68.6	75.0	81.8	86.8	91.7	94.0	95.6	96.2	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 771

GENERAL CLIMATELOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 643000 STATION NAME: WILLEM-HOLLEN NETHERLANDS

PERIOD OF RECORD: 76-85  
 MONTH: JAN HOURS (LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CELL																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1400																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500			25.1	28.3	32.9	34.5	37.0	40.3	42.1	43.6	44.6	44.9	45.4	46.5	46.7	47.1	
GE 450			25.9	29.7	33.8	35.5	38.1	41.4	43.2	44.8	45.7	46.1	46.6	47.6	47.9	48.3	
GE 400			27.9	31.7	36.1	37.9	40.5	43.9	45.7	47.3	48.2	48.6	49.2	50.2	50.4	50.9	
GE 350			29.9	34.1	38.5	40.3	43.1	46.5	48.3	49.9	50.9	51.3	51.8	52.9	53.1	53.6	
GE 300			32.3	36.7	41.3	43.2	46.1	49.5	51.4	53.1	54.1	54.5	55.1	56.2	56.4	56.8	
GE 250			34.9	39.3	44.4	46.4	49.5	53.1	55.0	56.7	57.8	58.2	58.8	59.9	60.1	60.6	
GE 200			37.8	42.3	48.2	50.5	54.0	57.8	59.8	61.7	62.8	63.3	64.0	65.1	65.3	65.8	
GE 180			38.6	43.9	49.5	51.9	55.6	59.4	61.5	63.5	64.6	65.1	65.8	66.9	67.1	67.6	
GE 160			41.1	46.3	52.9	55.5	59.3	63.5	65.7	67.8	69.0	69.5	70.2	71.3	71.6	72.0	
GE 120			43.3	49.7	56.2	59.1	63.3	68.1	70.5	72.8	74.0	74.5	75.2	76.4	76.6	77.1	
GE 100			44.2	50.9	57.8	60.9	65.7	70.8	73.3	75.7	77.0	77.6	78.3	79.5	79.7	80.2	
GE 90			44.4	51.3	58.4	61.6	66.8	72.3	74.9	77.3	78.6	79.2	79.9	81.1	81.3	81.8	
GE 80			44.7	51.3	59.0	62.4	67.9	73.6	76.4	79.0	80.4	81.1	81.7	83.0	83.2	83.7	
GE 70			44.6	52.0	59.5	63.0	68.7	74.7	77.7	80.7	82.3	82.9	83.7	84.9	85.2	85.6	
GE 60			44.9	52.2	59.7	63.4	69.5	76.0	79.2	82.5	84.2	84.9	85.7	87.0	87.3	87.7	
GE 50			45.0	52.3	59.9	63.7	70.1	77.4	80.9	84.5	86.5	87.4	88.3	89.6	89.9	90.3	
GE 40			45.0	52.4	60.0	63.9	70.5	78.1	82.0	86.2	88.5	89.6	90.6	92.1	92.3	92.8	
GE 30			45.0	52.4	60.1	63.9	70.6	78.4	82.6	87.2	89.8	91.2	92.3	94.1	94.4	94.9	
GE 20			45.0	52.4	60.1	63.9	70.6	78.5	82.7	87.6	90.4	92.0	93.3	95.7	96.0	96.8	
GE 10			45.0	52.4	60.1	64.0	70.6	78.6	82.8	87.7	90.6	92.2	93.7	96.4	96.9	99.1	
GE 0			45.0	52.4	60.1	64.0	70.6	78.6	82.8	87.7	90.6	92.2	93.7	96.5	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6491

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: SILLZEE-PIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(UT): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	160	90	80	60	45	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			30.4	33.7	37.3	38.7	41.2	43.8	46.0	47.4	48.1	48.7	49.3	50.2	50.4	50.9
GE	4500			31.6	35.3	38.7	40.0	42.6	45.1	47.3	48.8	49.4	50.0	50.7	51.7	51.8	52.3
GE	4000			33.6	37.3	41.1	42.5	45.0	47.6	49.8	51.2	51.8	52.4	53.2	54.1	54.3	54.7
GE	3500			36.0	39.7	43.4	44.8	47.3	49.9	52.2	53.9	54.5	55.1	55.8	56.8	56.9	57.4
GE	3000			39.8	42.8	47.0	48.3	51.2	53.8	56.1	57.8	58.4	59.0	59.7	60.7	60.8	61.3
GE	2500			40.4	44.5	48.7	50.2	53.6	56.4	59.1	60.9	61.7	62.3	63.0	64.0	64.1	64.6
GE	2000			43.2	47.6	52.6	54.5	58.4	61.3	64.2	66.3	67.2	67.8	68.5	69.5	69.6	70.1
GE	1800			44.0	48.7	53.9	55.8	60.0	62.9	65.8	67.9	68.7	69.5	70.2	71.2	71.3	71.8
GE	1500			45.5	50.6	56.0	58.0	62.3	65.3	68.4	70.4	71.4	72.1	72.9	74.0	74.1	74.6
GE	1200			46.7	51.9	57.8	60.1	64.8	68.1	71.2	73.2	74.2	74.9	75.7	76.8	76.9	77.4
GE	1000			47.7	53.2	59.5	62.4	68.0	72.1	75.3	77.4	78.5	79.2	79.9	81.0	81.1	81.6
GE	900			48.2	54.3	60.8	63.7	69.6	74.6	78.0	80.0	81.1	82.0	82.7	83.8	83.9	84.4
GE	800			48.5	54.6	61.7	64.7	70.9	76.4	79.8	82.1	83.2	84.2	84.9	86.0	86.1	86.6
GE	700			48.5	54.6	61.8	65.2	71.4	77.1	80.9	83.6	84.8	85.8	86.5	87.6	87.7	88.2
GE	600			48.5	54.7	62.2	65.6	71.8	78.0	82.1	85.2	86.6	87.6	88.3	89.4	89.5	90.0
GE	500			48.5	54.9	62.4	65.9	72.6	79.6	83.8	87.0	88.4	89.5	90.3	91.5	91.6	92.1
GE	400			48.5	54.9	62.5	66.1	72.7	80.0	84.3	87.8	89.9	91.1	92.0	93.2	93.3	93.8
GE	300			49.5	54.9	62.7	66.4	73.1	80.5	84.9	89.4	92.1	93.6	94.5	95.7	95.9	96.4
GE	200			49.5	54.9	62.7	66.4	73.1	80.5	84.9	89.4	92.2	93.8	94.9	96.4	96.5	97.1
GE	100			49.5	54.9	62.7	66.4	73.1	80.5	84.9	89.4	92.3	93.9	95.4	97.3	97.6	99.1
GE	0			49.5	54.9	62.7	66.4	73.1	80.5	84.9	89.4	92.3	93.9	95.4	97.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(IST): 1800-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	ST 100	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				28.3	31.3	34.6	36.2	38.3	41.7	43.2	44.7	45.2	45.6	45.9	46.6	46.6	46.7
GE 4500				29.6	32.5	35.9	37.5	39.7	43.0	44.5	46.1	46.6	46.9	47.3	47.9	47.9	48.0
GE 4000				31.1	34.3	37.6	39.2	41.4	44.9	46.3	47.9	48.5	48.9	49.2	49.8	49.8	49.9
GE 3500				34.1	37.5	41.1	42.7	45.0	48.5	49.9	51.5	52.1	52.5	52.8	53.4	53.4	53.6
GE 3000				36.3	39.9	43.7	45.3	47.6	51.4	53.0	54.5	55.4	55.9	56.2	56.8	56.8	57.0
GE 2500				39.5	43.3	47.2	49.1	51.4	55.7	57.6	59.3	60.1	60.6	60.9	61.5	61.5	61.7
GE 2000				41.2	45.5	50.2	52.4	55.5	60.5	62.4	64.1	64.9	65.4	65.9	66.5	66.5	66.6
GE 1800				42.3	46.3	51.9	54.1	57.6	62.6	64.8	66.5	67.4	67.8	68.3	68.9	68.9	69.0
GE 1500				45.0	49.9	55.5	57.7	61.7	66.7	68.9	70.7	71.7	72.2	72.7	73.4	73.4	73.5
GE 1200				47.6	53.3	59.6	62.0	66.4	72.4	74.7	76.5	77.5	78.0	78.5	79.2	79.2	79.3
GE 1000				49.1	55.1	61.1	63.5	68.4	75.1	77.8	79.8	81.0	81.6	82.2	83.0	83.0	83.1
GE 900				49.2	55.4	61.3	63.8	69.0	76.2	78.8	80.9	82.1	82.7	83.3	84.0	84.0	84.2
GE 800				49.3	55.5	61.7	64.3	69.8	77.0	79.8	82.0	83.3	83.9	84.5	85.2	85.2	85.4
GE 700				49.7	56.2	62.5	65.2	70.7	78.4	81.4	83.6	84.9	85.7	86.3	87.1	87.1	87.2
GE 600				49.7	56.5	62.8	65.5	71.3	79.9	83.1	85.7	87.3	88.1	88.9	89.5	89.5	89.6
GE 500				49.7	56.5	62.9	65.7	71.6	80.7	83.8	87.1	88.8	89.6	90.4	91.2	91.2	91.3
GE 400				49.7	56.5	63.1	65.9	72.2	81.1	84.8	88.1	90.4	91.7	92.5	93.3	93.3	93.6
GE 300				49.7	56.5	63.1	65.9	72.2	81.1	84.8	88.1	90.4	91.7	92.5	93.3	93.3	93.6
GE 200				49.7	56.5	63.1	65.9	72.2	81.1	84.8	88.1	90.4	91.7	92.5	93.3	93.3	93.6
GE 100				49.7	56.5	63.1	65.9	72.2	81.1	84.8	88.1	90.4	91.7	92.5	93.3	93.3	93.6
GE 0				49.7	56.5	63.1	65.9	72.2	81.1	84.8	88.1	90.4	91.7	92.5	93.3	93.3	93.6

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS (LST): 1500-1700

CEILING	VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GE 160	GE 90	GE 80	GE 60	GE 45	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CLIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			24.4	28.8	30.9	33.0	35.9	39.1	41.0	41.8	42.5	42.8	43.1	44.0	44.0
GE 4500			24.9	29.3	31.4	33.7	36.6	39.7	41.6	42.5	43.1	43.5	43.7	44.6	44.6
GE 4000			26.9	31.5	33.7	35.9	38.8	42.0	43.8	44.7	45.4	45.7	46.0	46.9	46.9
GE 3500			28.9	33.8	35.9	38.2	41.1	44.2	46.1	47.0	47.6	48.0	48.2	49.1	49.1
GE 3000			31.6	36.8	39.1	41.5	44.3	47.5	49.4	50.3	51.0	51.4	51.6	52.5	52.5
GE 2500			35.2	40.5	42.8	45.4	48.5	51.9	53.8	54.6	55.5	55.9	56.3	57.2	57.2
GE 2000			38.4	44.5	47.5	50.1	53.8	57.3	59.2	60.3	61.2	61.7	62.1	62.9	62.9
GE 1800			39.8	46.3	49.1	52.0	56.3	59.8	61.7	62.8	63.7	64.2	64.7	65.6	65.6
GE 1500			42.0	48.5	52.9	56.3	61.2	65.2	67.5	68.7	69.6	70.1	70.6	71.6	71.6
GE 1200			44.1	51.9	57.0	60.6	66.2	71.2	73.6	75.4	76.6	77.1	77.6	78.6	78.6
GE 1000			44.3	52.5	57.9	62.2	68.5	73.5	76.0	77.9	79.3	79.8	80.4	81.5	81.5
GE 900			44.5	52.5	58.2	62.7	69.1	74.5	77.0	78.9	80.3	80.8	81.4	82.5	82.5
GE 800			44.7	53.3	58.8	63.4	70.4	76.0	78.6	80.7	82.0	82.8	83.4	84.7	84.7
GE 700			44.7	53.3	58.8	63.6	70.7	76.5	79.1	81.4	82.9	83.7	84.4	85.7	85.7
GE 600			45.0	53.5	59.0	64.2	72.4	78.4	81.7	84.0	86.1	86.9	87.7	89.2	89.2
GE 500			45.0	53.6	59.2	64.3	72.5	78.8	82.5	85.4	87.8	89.2	90.1	91.8	91.8
GE 400			45.0	53.6	59.2	64.3	72.5	79.1	83.2	86.8	89.7	91.3	92.5	94.5	94.6
GE 300			45.0	53.5	59.2	64.3	72.5	79.1	83.2	87.1	90.1	92.2	93.7	96.4	96.5
GE 200			45.0	53.6	59.2	64.3	72.5	79.1	83.2	87.1	90.3	92.6	94.6	97.6	97.9
GE 100			45.0	53.6	59.2	64.3	72.5	79.1	83.2	87.1	90.3	92.6	94.7	97.7	99.6
GE 0			45.0	53.6	59.2	64.3	72.5	79.1	83.2	87.1	90.3	92.6	94.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				23.1	28.4	32.3	33.4	36.6	39.3	41.3	42.2	43.1	43.5	43.8	44.8	44.8	45.0
GE 4500				23.5	28.8	32.7	33.9	37.2	39.9	42.0	42.8	43.7	44.1	44.5	45.5	45.5	45.6
GE 4000				24.5	29.8	33.8	35.1	38.4	41.2	43.2	44.2	45.1	45.5	45.9	46.9	46.9	47.0
GE 3500				25.3	30.3	34.8	36.2	39.6	42.3	44.3	45.4	46.2	46.6	47.0	48.0	48.0	48.1
GE 3000				26.6	32.3	36.4	37.8	41.2	44.1	46.1	47.1	48.0	48.4	48.7	49.7	49.7	49.9
GE 2500				29.4	35.4	39.8	41.3	44.8	47.7	49.7	50.8	51.8	52.3	52.6	53.6	53.6	53.8
GE 2000				34.0	40.1	45.0	46.5	50.1	53.3	55.5	56.7	57.7	58.4	58.8	59.8	59.8	59.9
GE 1800				35.9	42.5	47.4	49.0	52.8	55.9	58.7	59.3	60.3	61.1	61.4	62.4	62.4	62.6
GE 1600				38.7	46.0	51.3	53.0	56.8	60.3	62.6	64.1	65.1	65.8	66.2	67.2	67.2	67.3
GE 1200				41.2	50.1	56.3	58.3	62.7	66.8	69.3	71.1	72.2	73.0	73.4	74.5	74.5	74.6
GE 1000				42.2	51.5	58.2	60.3	65.3	70.0	72.7	74.6	75.8	76.5	76.9	78.0	78.0	78.1
GE 900				42.5	51.9	58.5	60.9	66.3	71.2	74.2	76.1	77.3	78.1	78.5	79.6	79.6	79.8
GE 800				43.1	52.5	59.4	61.8	67.2	72.4	75.6	77.8	78.9	79.8	80.2	81.3	81.3	81.4
GE 700				43.1	52.5	59.7	62.2	68.1	73.7	77.4	80.2	81.7	82.5	82.9	84.0	84.0	84.2
GE 600				43.3	52.9	60.1	62.6	69.0	75.5	79.6	82.7	84.2	85.1	85.4	86.7	86.7	86.8
GE 500				43.5	53.3	60.3	62.9	69.6	76.6	81.4	84.9	87.1	88.6	89.9	90.2	90.2	90.3
GE 400				43.5	53.3	60.3	62.9	70.1	77.4	82.5	86.8	88.9	90.7	91.2	92.6	92.6	92.7
GE 300				43.5	53.3	60.3	62.9	70.2	77.8	82.9	87.3	89.6	91.6	92.2	94.5	94.5	94.6
GE 200				43.5	53.3	60.3	62.9	70.2	77.8	82.9	87.7	89.9	92.2	93.0	96.1	96.4	96.9
GE 100				43.5	53.3	60.3	63.1	70.4	78.0	83.3	88.1	90.3	92.6	93.3	97.1	97.7	99.6
GE 0				43.5	53.3	60.3	63.1	70.4	78.0	83.3	88.1	90.3	92.6	93.3	97.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 60	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			22.4	26.4	29.9	30.7	34.0	39.0	40.7	42.6	44.6	44.9	45.9	47.5	47.6	48.5	
GE 4500			23.2	27.3	30.8	31.6	34.8	40.0	41.7	43.6	45.6	45.9	46.9	48.5	48.6	49.5	
GE 4000			24.7	29.2	32.8	33.7	37.0	42.1	44.0	45.9	47.9	48.1	49.2	50.9	51.0	51.9	
GE 3500			25.8	30.7	34.7	35.8	39.2	44.4	46.2	48.1	50.1	50.4	51.5	53.3	53.4	54.3	
GE 3000			27.6	32.6	37.0	38.5	42.2	47.4	49.4	51.4	53.4	53.6	54.8	56.6	56.8	57.6	
GE 2500			30.2	35.2	39.8	41.5	45.2	50.4	52.4	54.4	56.4	56.6	57.8	59.6	59.8	60.7	
GE 2000			32.1	37.7	42.9	45.0	49.5	54.9	56.9	59.3	61.4	61.7	62.8	64.7	64.8	65.7	
GE 1800			32.3	38.3	43.5	45.6	50.1	55.6	57.6	60.2	62.3	62.5	63.7	65.5	65.7	66.5	
GE 1500			35.6	41.7	47.6	50.0	54.5	60.7	62.9	65.7	67.9	68.2	69.3	71.2	71.3	72.2	
GE 1200			37.8	44.4	50.8	53.3	57.9	64.9	67.4	70.2	72.7	72.9	74.1	75.9	76.1	76.9	
GE 1000			38.2	45.1	52.0	54.9	60.0	67.3	69.8	72.7	75.2	75.4	76.6	78.4	78.6	79.4	
GE 900			38.3	45.4	52.5	55.5	61.3	68.7	71.2	74.2	76.7	76.9	78.1	79.9	80.1	81.0	
GE 800			38.5	45.7	53.0	56.5	62.7	70.2	72.7	76.4	78.9	79.2	80.3	82.2	82.3	83.2	
GE 700			38.5	45.7	53.0	56.5	62.8	70.9	73.6	77.8	80.7	81.1	82.2	84.1	84.2	85.1	
GE 600			38.6	45.9	53.1	56.8	63.3	71.8	74.7	79.2	82.2	82.7	84.1	86.0	86.1	87.0	
GE 500			38.6	45.9	53.3	56.9	63.5	72.7	76.1	81.0	84.2	85.0	86.3	88.2	88.3	89.2	
GE 400			38.6	45.9	53.4	57.0	63.7	73.2	76.6	82.3	86.0	87.0	88.5	91.0	91.1	92.0	
GE 300			38.6	45.9	53.4	57.0	63.7	73.2	76.6	82.7	86.6	87.8	89.8	92.5	92.7	93.6	
GE 200			38.6	45.9	53.4	57.0	63.7	73.3	76.7	83.0	87.0	88.3	90.5	94.0	94.5	96.5	
GE 100			38.6	45.9	53.4	57.0	63.7	73.3	76.7	83.0	87.0	88.3	90.9	94.9	95.6	98.9	
GE 0			38.6	45.9	53.4	57.0	63.7	73.3	76.7	83.0	87.0	88.3	90.9	94.9	95.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 798

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(IST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 50	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			21.7	24.9	30.5	32.6	34.6	38.1	40.2	42.6	43.7	44.3	44.7	45.6	46.0	46.4	
GE 4500			22.6	25.8	31.4	33.7	35.7	39.4	41.5	43.8	44.9	45.6	45.9	46.8	47.3	47.7	
GE 4000			26.2	29.8	35.7	38.0	40.0	43.8	45.9	48.3	49.4	50.0	50.5	51.4	51.9	52.2	
GE 3500			28.6	32.5	38.5	40.9	43.0	46.8	48.9	51.2	52.3	53.0	53.6	54.4	54.9	55.3	
GE 3000			30.6	34.9	41.1	43.6	45.7	49.6	51.7	54.2	55.4	56.2	56.8	57.7	58.1	58.5	
GE 2500			33.2	37.8	44.3	46.8	48.9	52.8	54.9	57.4	58.6	59.4	60.0	60.9	61.4	61.9	
GE 2000			36.4	41.4	48.5	51.2	53.5	57.4	59.5	62.1	63.3	64.2	64.8	65.7	66.2	66.7	
GE 1800			37.0	42.3	49.1	51.9	54.1	58.0	60.1	62.7	64.0	64.8	65.4	66.3	66.8	67.3	
GE 1500			40.0	45.3	52.6	55.7	58.0	62.5	64.6	67.3	68.5	69.4	70.1	71.0	71.5	72.0	
GE 1200			41.9	47.8	55.3	58.5	61.4	66.2	68.6	71.6	72.8	73.7	74.4	75.3	75.8	76.3	
GE 1000			42.8	49.3	56.8	60.1	63.1	67.9	70.4	73.6	74.8	75.7	76.4	77.3	77.8	78.3	
GE 900			43.1	49.5	57.7	61.1	64.6	69.4	71.9	75.2	76.4	77.3	78.0	78.9	79.4	79.9	
GE 800			43.3	50.1	58.4	62.1	65.8	70.7	73.2	77.0	78.5	79.4	80.1	81.0	81.5	82.0	
GE 700			43.7	50.9	59.4	63.2	67.3	72.3	75.1	79.5	81.0	81.9	82.7	83.6	84.1	84.6	
GE 600			43.7	50.9	59.4	63.2	67.5	73.1	75.8	80.2	81.9	82.8	83.7	84.6	85.1	85.6	
GE 500			44.1	51.2	60.1	64.1	68.8	75.7	78.9	83.3	85.1	86.2	87.0	87.9	88.4	88.9	
GE 400			44.2	51.5	60.5	64.6	69.8	77.2	81.0	86.0	88.0	89.3	90.1	91.0	91.5	92.0	
GE 300			44.2	51.5	60.6	64.7	69.9	77.7	82.0	87.4	89.5	90.9	91.7	92.7	93.2	93.7	
GE 200			44.2	51.5	60.6	64.7	70.0	77.9	82.3	88.3	90.6	92.2	93.3	94.9	95.4	96.3	
GE 100			44.2	51.5	60.6	64.7	70.0	77.9	82.3	88.3	90.6	92.2	93.5	95.7	96.3	98.8	
GE 0			44.2	51.5	60.6	64.7	70.0	77.9	82.3	88.3	90.6	92.2	93.5	95.8	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063507 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: JAN HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	FEET	ST 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																		
GE	20000																	
GE	18000																	
GE	16000																	
GE	14000																	
GE	12000																	
GE	10000																	
GE	9000																	
GE	8000																	
GE	7000																	
GE	6000																	
GE	5000			24.7	28.5	34.2	36.5	38.7	42.3	43.4	45.1	45.7	45.7	46.7	48.0	48.4	49.0	
GE	4500			25.6	29.5	35.2	37.6	40.1	43.6	44.7	46.5	47.1	47.1	48.1	49.5	49.8	50.4	
GE	4000			28.1	32.5	38.5	40.9	43.7	47.3	48.5	50.5	51.2	51.2	52.1	53.5	53.8	54.4	
GE	3500			30.2	35.0	41.2	43.6	46.8	50.4	51.6	53.7	54.3	54.3	55.3	56.6	57.1	57.7	
GE	3000			32.3	37.1	43.4	45.8	49.0	52.6	53.8	55.9	56.6	56.6	57.7	59.1	59.6	60.2	
GE	2500			33.9	39.1	45.8	48.5	51.8	55.5	56.8	58.8	59.6	59.7	60.7	62.0	62.5	63.1	
GE	2000			36.4	41.3	48.7	51.6	55.1	58.8	60.3	62.4	63.2	63.3	64.3	65.8	66.3	67.0	
GE	1800			37.1	42.5	49.8	52.7	56.2	59.9	61.5	63.6	64.4	64.6	65.5	67.2	67.7	68.5	
GE	1500			38.4	44.7	52.7	55.6	59.2	63.2	64.9	67.0	67.8	68.0	69.1	70.8	71.3	72.0	
GE	1200			40.9	47.4	55.7	58.8	62.7	67.1	68.9	71.0	71.9	72.0	73.1	74.8	75.3	76.0	
GE	1000			42.3	49.3	58.0	61.1	65.0	69.4	71.4	73.6	74.4	74.5	75.6	77.3	77.8	79.6	
GE	900			42.4	49.9	58.8	62.1	66.4	71.1	73.1	75.3	76.1	76.2	77.3	79.0	79.5	80.3	
GE	800			42.9	50.4	59.4	62.7	67.1	72.0	74.3	76.6	77.7	77.8	78.9	80.6	81.2	82.0	
GE	700			43.1	50.9	59.9	63.6	68.3	73.4	75.9	78.3	79.5	79.8	81.0	82.7	83.3	84.0	
GE	600			43.2	51.0	60.0	64.1	69.4	74.8	77.3	80.1	81.4	81.6	82.8	84.5	85.1	85.9	
GE	500			43.2	51.0	60.0	64.1	70.2	76.2	79.2	82.3	83.7	84.0	85.3	87.1	87.7	88.4	
GE	400			43.2	51.0	60.0	64.3	70.6	77.3	81.1	84.9	86.4	86.7	88.2	90.0	90.6	91.4	
GE	300			43.2	51.0	60.0	64.4	71.0	77.8	82.2	86.1	87.9	88.4	90.0	92.1	92.7	93.4	
GE	200			43.2	51.0	60.0	64.4	71.0	78.0	82.5	86.7	88.8	89.5	91.4	94.2	94.8	95.6	
GE	100			43.2	51.0	60.0	64.4	71.0	78.0	82.5	86.8	89.0	89.9	92.0	95.1	96.1	99.1	
GE	0			43.2	51.0	60.0	64.4	71.0	78.0	82.5	86.8	89.0	89.9	92.0	95.2	96.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 821

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: WILZEL-HIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 1800-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
GE 20001																
GE 18001																
GE 16001																
GE 14001																
GE 12001																
GE 10001																
GE 9001																
GE 8001																
GE 7001																
GE 6001																
GE 5001																
GE 4001																
GE 3001																
GE 2001																
GE 1001																
GE 01																

TOTAL NUMBER OF OBSERVATIONS: 774

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	100	90	80	70	60	50	40	32	24	20	16	12	10	8	5	4
GE																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			32.2	37.4	41.9	44.3	47.4	51.9	53.5	55.1	55.9	56.6	57.0	57.5	57.8	57.8	
GE 4500			33.0	38.3	42.9	45.3	48.3	53.0	54.6	56.2	57.0	57.7	58.1	58.6	58.9	58.9	
GE 4000			34.6	40.1	44.7	47.1	50.2	54.9	56.6	58.3	59.1	59.8	60.2	60.7	61.0	61.0	
GE 3500			35.9	41.3	46.5	48.9	51.9	56.7	58.5	60.2	61.3	61.9	62.3	62.9	63.2	63.2	
GE 3000			37.2	43.5	48.3	50.7	53.8	58.6	60.3	62.3	63.4	64.1	64.5	65.0	65.3	65.3	
GE 2500			39.4	46.1	51.0	53.7	56.7	61.5	63.3	65.4	66.5	67.3	67.7	68.2	68.5	68.5	
GE 2000			40.7	47.9	53.4	56.5	59.8	64.8	66.5	68.8	69.8	70.6	71.0	71.6	71.8	71.8	
GE 1800			41.7	49.3	54.7	57.9	61.3	66.4	68.1	70.6	71.7	72.5	72.9	73.4	73.7	73.7	
GE 1600			42.9	50.7	57.1	61.0	64.8	70.4	72.2	74.9	76.1	76.9	77.3	77.8	78.1	78.1	
GE 1200			43.7	52.5	59.8	63.8	68.2	74.4	76.8	79.4	80.6	81.4	81.8	82.4	82.6	82.6	
GE 1000			44.2	53.7	61.1	65.3	70.1	76.6	79.2	82.0	83.2	84.0	84.4	84.9	85.2	85.2	
GE 900			44.2	53.7	61.4	65.7	70.8	77.7	80.5	83.3	84.6	85.4	85.8	86.4	86.6	86.6	
GE 800			44.2	53.9	61.7	66.1	71.6	78.6	82.0	84.8	86.2	87.0	87.6	88.1	88.4	88.4	
GE 700			44.3	54.3	62.2	66.6	72.1	79.4	82.8	85.8	87.3	88.1	88.7	89.2	89.5	89.5	
GE 600			44.3	54.5	62.3	66.8	72.5	80.0	83.6	86.9	88.5	89.3	89.9	90.4	90.7	90.7	
GE 500			44.3	54.5	62.3	67.2	73.2	81.2	85.0	88.9	90.9	91.9	92.5	93.1	93.3	93.3	
GE 400			44.3	54.5	62.6	67.4	73.6	81.7	85.7	90.0	92.0	92.9	93.9	94.4	94.7	94.7	
GE 300			44.3	54.5	62.6	67.4	73.6	81.8	86.0	90.3	92.4	93.5	94.8	95.3	95.7	95.9	
GE 200			44.3	54.5	62.6	67.4	73.6	82.0	86.5	90.9	93.2	94.4	96.1	96.7	97.3	97.7	
GE 100			44.3	54.5	62.6	67.4	73.6	82.0	86.5	90.9	93.2	94.4	96.4	97.2	97.9	99.1	
GE 0			44.3	54.5	62.6	67.4	73.6	82.0	86.5	90.9	93.2	94.4	96.4	97.3	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 749



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: FEB HOURS(1ST): ALL

CEILING FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 6111

GENERAL CLIMATE DATA  
 METEOROLOGICAL  
 AIR WEATHER SERVICE/MSC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 00000 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
 MONTH: MAR HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	100	90	80	70	60	50	40	32	24	20	16	12	10	8	5	4	3
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZ-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FEET	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1400																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 01																	

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(IST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	FEET	GE 100	GE 90	GE 80	GE 63	GE 43	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CELL																		
GE	20000																	
GE	18000																	
GE	16000																	
GE	14000																	
GE	12000																	
GE	10000																	
GE	9000																	
GE	8000																	
GE	7000																	
GE	6000																	
GE	5000			25.7	31.3	37.6	39.7	42.3	45.6	47.2	49.0	50.4	51.9	53.9	55.4	55.7	57.8	
GE	4500			26.7	32.4	39.1	41.4	44.0	47.2	48.9	50.7	52.0	53.6	55.6	57.1	57.4	59.4	
GE	4000			27.5	33.5	40.4	42.8	45.5	48.7	50.4	52.2	53.5	55.0	57.1	58.5	58.9	60.9	
GE	3500			28.7	35.3	42.2	44.6	47.2	50.6	52.4	54.3	55.6	57.2	59.4	60.9	61.2	63.3	
GE	3000			30.1	36.5	43.9	46.4	49.3	52.6	54.4	56.5	57.8	59.3	61.6	63.0	63.4	65.4	
GE	2500			32.2	38.9	46.4	48.9	51.9	55.4	57.3	59.4	60.9	62.6	64.8	66.4	66.7	68.8	
GE	2000			34.2	41.7	49.4	52.3	55.4	58.9	60.9	63.3	64.7	66.4	68.7	70.2	70.6	72.6	
GE	1800			35.0	42.7	50.6	53.5	56.6	60.2	62.2	64.6	66.0	67.8	70.1	71.8	72.1	74.2	
GE	1500			36.5	45.3	53.0	56.1	59.3	62.9	65.3	67.9	69.4	71.2	73.4	75.1	75.5	77.5	
GE	1200			38.2	47.2	55.7	59.2	62.6	66.3	68.8	71.5	73.0	74.9	77.2	78.8	79.2	81.2	
GE	1000			38.6	48.1	57.2	60.6	64.2	68.1	70.8	73.8	75.2	77.4	79.7	81.5	81.8	84.0	
GE	900			38.9	48.5	57.7	61.4	65.0	68.9	71.7	74.8	76.3	78.5	80.7	82.5	82.9	85.0	
GE	800			39.0	49.3	58.9	62.7	66.4	70.7	73.9	77.4	78.9	81.1	83.4	85.4	85.8	87.9	
GE	700			39.0	49.3	58.9	62.7	66.7	71.7	74.9	78.6	80.1	82.3	84.6	86.7	87.1	89.2	
GE	600			39.0	49.3	59.0	62.8	67.1	72.1	75.6	79.5	81.1	83.3	85.5	87.8	88.2	90.3	
GE	500			39.0	49.3	59.0	62.8	67.1	72.2	76.0	80.0	81.6	83.9	86.1	88.4	88.8	90.9	
GE	400			39.0	49.3	59.0	62.8	67.1	73.0	76.9	81.3	83.0	85.5	88.3	90.9	91.3	93.4	
GE	300			39.0	49.3	59.0	62.8	67.1	73.0	77.9	81.3	83.1	85.8	89.8	91.4	91.9	94.3	
GE	200			39.0	49.3	59.0	62.8	67.1	73.0	77.2	81.7	83.7	86.4	89.5	92.2	92.7	95.7	
GE	100			39.0	49.3	59.0	62.8	67.1	73.0	77.2	81.7	83.7	86.4	89.5	92.3	92.9	98.7	
GE	0			39.0	49.3	59.0	62.8	67.1	73.0	77.2	81.7	83.7	86.4	89.5	92.3	92.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS (LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	70	60	50	40	30	20	16	12	10	8	5	4	3
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				27.4	31.4	37.1	39.7	42.7	46.4	47.8	49.7	50.6	51.2	51.5	52.8	52.8	53.1
GE 4500				28.0	32.2	37.9	40.4	43.4	47.2	48.7	50.6	51.4	52.0	52.4	53.6	53.6	54.0
GE 4000				28.2	32.7	38.5	41.1	44.3	48.1	49.6	51.7	52.5	53.1	53.5	54.7	54.7	55.1
GE 3500				29.2	33.9	39.7	42.3	45.6	49.4	50.9	53.0	53.9	54.5	54.9	56.1	56.1	56.5
GE 3000				31.8	36.5	42.7	45.3	48.7	52.7	54.1	56.5	57.3	58.1	58.4	59.7	59.7	60.0
GE 2500				33.8	38.5	45.0	47.6	51.2	55.4	56.8	59.3	60.3	61.0	61.4	62.6	62.6	63.0
GE 2000				36.1	41.4	48.6	51.2	54.9	59.1	60.5	63.1	64.1	64.9	65.4	66.6	66.6	67.0
GE 1800				38.1	43.5	51.0	53.8	57.7	61.9	63.4	66.0	67.0	67.7	68.2	69.4	69.4	69.8
GE 1500				40.9	47.1	55.1	58.0	62.0	66.2	67.7	70.5	71.6	72.4	72.9	74.1	74.1	74.5
GE 1200				43.4	50.3	59.3	62.1	66.2	70.8	72.5	75.5	76.6	77.3	77.8	79.0	79.0	79.4
GE 1000				43.8	50.9	60.5	63.7	68.4	73.4	75.2	78.2	79.3	80.0	80.6	81.9	81.9	82.2
GE 900				43.9	51.5	61.4	64.9	69.9	75.0	76.9	79.9	81.1	82.0	82.6	83.8	83.8	84.2
GE 800				43.9	51.7	61.9	66.1	71.1	76.6	78.7	82.0	83.2	84.1	84.7	85.9	85.9	86.3
GE 700				43.9	51.7	62.3	66.6	71.9	77.6	79.9	83.7	85.0	85.8	86.4	87.9	87.9	88.3
GE 600				43.9	51.8	62.4	66.7	72.3	78.2	80.5	84.8	86.2	87.3	88.0	89.8	89.8	90.1
GE 500				43.9	51.8	62.4	66.7	72.5	79.0	81.5	86.1	87.7	89.0	90.0	91.9	92.0	92.4
GE 400				43.9	51.8	62.4	66.7	72.6	79.3	81.8	86.4	88.2	89.8	91.0	93.0	93.2	93.6
GE 300				43.9	51.8	62.4	66.7	72.6	79.3	81.9	86.6	88.5	90.1	91.9	94.2	94.8	95.4
GE 200				43.9	51.8	62.4	66.7	72.6	79.3	81.9	86.6	88.7	90.3	92.2	94.8	95.7	97.3
GE 100				43.9	51.8	62.4	66.7	72.6	79.3	81.9	86.6	88.7	90.3	92.2	94.9	95.9	99.3
GE 0				43.9	51.8	62.4	66.7	72.6	79.3	81.9	86.6	88.7	90.3	92.2	94.9	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 811

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENT FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CELL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000			29.4	33.1	37.2	36.7	41.7	43.9	44.8	45.4	45.8	45.9	46.0	46.1	46.1	46.1
GE	4000			37.2	34.2	38.0	35.6	42.6	44.7	45.6	46.2	46.6	46.7	46.8	47.0	47.0	47.0
GE	3000			32.7	36.4	40.6	42.2	45.2	47.3	48.3	48.9	49.2	49.3	49.5	49.6	49.6	49.6
GE	2000			34.1	38.3	42.6	44.1	47.1	49.2	50.2	50.8	51.1	51.3	51.4	51.5	51.5	51.5
GE	1000			47.0	44.2	48.5	50.1	53.0	55.2	56.1	56.7	57.1	57.2	57.3	57.4	57.4	57.4
GE	2000			46.1	50.5	54.9	56.6	59.6	61.7	62.7	63.4	63.8	63.9	64.7	64.1	64.1	64.1
GE	1800			52.8	58.3	63.4	65.2	68.4	70.7	71.9	72.6	72.9	73.1	73.2	73.3	73.3	73.3
GE	1600			55.1	60.5	66.2	67.9	71.2	73.5	74.9	75.6	75.9	76.0	76.2	76.3	76.3	76.3
GE	1400			57.1	63.5	69.6	71.4	75.2	77.9	79.3	80.2	80.6	80.7	80.8	80.9	80.9	80.9
GE	1200			58.9	66.3	72.2	74.1	78.3	81.2	82.7	83.7	84.0	84.1	84.3	84.4	84.4	84.4
GE	1000			59.4	66.7	73.1	75.2	79.7	83.1	84.9	86.2	86.5	86.7	86.8	86.9	86.9	86.9
GE	900			59.6	67.3	73.5	75.7	80.7	84.7	86.6	88.2	88.8	88.9	89.0	89.2	89.2	89.2
GE	800			59.7	67.2	74.0	76.5	81.9	86.4	88.8	90.7	91.4	91.5	92.0	92.1	92.1	92.1
GE	700			59.8	67.5	74.3	77.0	82.6	87.2	89.7	91.9	92.7	92.8	93.6	93.8	93.8	93.8
GE	600			59.6	67.3	74.4	77.1	82.7	87.7	90.2	92.5	93.6	93.7	94.4	94.6	94.6	94.6
GE	500			59.8	67.3	74.4	77.1	83.1	88.4	91.1	94.2	95.4	95.6	96.3	96.7	96.7	96.7
GE	400			59.6	67.3	74.4	77.1	83.1	88.4	91.3	94.8	96.2	96.7	97.5	97.9	97.9	98.0
GE	300			59.6	67.3	74.4	77.1	83.1	88.4	91.3	94.9	96.4	97.0	98.1	99.0	99.0	99.2
GE	200			59.6	67.7	74.4	77.1	83.1	88.4	91.3	94.9	96.4	97.0	98.2	99.6	99.6	99.8
GE	100			59.8	67.3	74.4	77.1	83.1	88.4	91.3	94.9	96.4	97.0	98.2	99.8	99.8	100.0
GE	0			59.8	67.3	74.4	77.1	83.1	88.4	91.3	94.9	96.4	97.0	98.2	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS (LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			37.3	42.1	44.8	46.9	49.0	51.5	52.3	53.1	53.4	53.8	53.8	54.1	54.1	54.1	
GE 4500			38.8	43.5	46.4	48.5	50.6	53.1	53.9	54.7	55.0	55.4	55.4	55.7	55.7	55.7	
GE 4000			41.6	46.6	49.8	52.0	54.1	56.5	57.4	58.1	58.5	59.0	59.0	59.2	59.2	59.2	
GE 3500			44.4	50.3	53.3	55.5	57.6	60.1	60.9	61.7	62.0	62.5	62.5	62.8	62.8	62.8	
GE 3000			49.5	55.2	58.5	60.7	62.8	65.2	66.1	66.8	67.2	67.7	67.7	67.9	67.9	67.9	
GE 2500			54.4	60.5	64.3	66.7	68.8	71.3	72.1	72.9	73.2	73.7	73.7	74.0	74.0	74.0	
GE 2000			58.7	65.2	69.3	72.1	74.4	76.9	77.8	78.6	79.0	79.5	79.5	79.7	79.7	79.7	
GE 1800			59.8	66.5	71.9	73.8	76.4	78.9	79.7	80.6	81.0	81.4	81.4	81.7	81.7	81.7	
GE 1500			60.9	67.9	73.3	76.3	79.1	81.9	82.8	83.9	84.3	84.8	84.8	85.0	85.0	85.0	
GE 1200			61.8	69.3	75.1	78.9	82.1	85.6	87.1	88.5	88.9	89.4	89.4	89.7	89.7	89.7	
GE 1000			61.9	70.3	75.6	79.5	83.4	87.8	89.3	90.8	91.3	91.9	91.9	92.1	92.1	92.1	
GE 900			62.0	70.1	75.8	79.9	83.9	88.3	89.8	91.4	92.1	92.8	92.8	93.0	93.0	93.0	
GE 800			62.0	70.5	76.3	80.3	84.5	89.1	90.9	92.6	93.6	94.2	94.2	94.5	94.5	94.5	
GE 700			62.2	70.8	76.7	80.7	85.0	89.8	92.0	94.5	95.5	96.2	96.2	96.4	96.4	96.4	
GE 600			62.2	70.8	76.8	80.8	85.3	90.2	92.5	95.1	96.1	96.8	96.8	97.1	97.1	97.1	
GE 500			62.2	70.8	76.9	81.0	85.5	91.0	93.5	96.1	97.2	97.9	98.0	98.4	98.4	98.4	
GE 400			62.2	70.8	76.9	81.0	85.5	91.2	94.0	96.7	97.9	98.8	99.3	99.8	99.8	99.8	
GE 300			62.2	70.8	76.9	81.0	85.5	91.2	94.0	96.8	98.0	98.9	99.4	99.9	99.9	99.9	
GE 200			62.2	70.8	76.9	81.0	85.5	91.2	94.0	96.8	98.0	98.9	99.4	100.0	100.0	100.0	
GE 100			62.2	70.8	76.9	81.0	85.5	91.2	94.0	96.8	98.0	98.9	99.4	100.0	100.0	100.0	
GE 0			62.2	70.8	76.9	81.0	85.5	91.2	94.0	96.8	98.0	98.9	99.4	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 414

JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILDE-WIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	ST 160	GE 90	GE 50	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE J
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		44.7	50.7	54.2	56.0	59.3	61.6	62.8	64.5	65.2	65.5	65.9	66.7	66.7	66.7	
GE	4500		45.7	52.1	56.0	57.8	61.3	63.6	65.0	66.7	67.4	67.6	68.1	68.8	68.8	68.8	
GE	4000		46.1	52.5	56.4	58.2	61.8	64.1	65.6	67.3	68.0	68.4	68.8	69.6	69.6	69.6	
GE	3500		47.8	54.5	58.4	60.2	63.9	66.4	67.9	69.6	70.3	70.7	71.2	71.9	71.9	71.9	
GE	3000		49.2	56.5	60.4	62.2	65.8	68.4	69.8	71.8	72.6	73.0	73.5	74.2	74.2	74.2	
GE	2500		52.2	59.5	63.6	65.5	69.1	71.6	73.1	75.0	75.9	76.2	76.7	77.5	77.5	77.5	
GE	2000		54.8	62.9	67.6	69.9	73.7	76.2	77.8	79.8	80.7	81.1	81.6	82.3	82.3	82.3	
GE	1800		55.5	63.5	68.6	70.9	74.8	77.6	79.3	81.3	82.3	82.7	83.2	83.9	83.9	83.9	
GE	1500		56.4	65.5	71.2	73.6	78.2	81.0	82.8	85.1	86.1	86.4	86.9	87.6	87.6	87.6	
GE	1200		57.3	67.3	73.9	76.4	81.3	85.1	87.2	89.7	90.7	91.3	91.8	92.5	92.5	92.5	
GE	1000		57.3	67.3	74.7	77.2	82.3	86.2	88.2	90.9	92.0	92.6	93.1	93.8	93.8	93.8	
GE	900		57.3	67.3	74.9	77.5	82.8	86.9	89.0	91.6	92.8	93.6	94.1	94.8	94.8	94.8	
GE	800		57.5	68.3	75.3	77.8	83.4	87.6	89.8	92.7	93.9	94.7	95.2	95.9	95.9	95.9	
GE	700		57.5	68.3	75.3	77.8	83.4	88.0	90.2	93.1	94.4	95.2	95.8	96.5	96.5	96.5	
GE	600		57.5	68.3	75.3	77.9	83.8	88.5	90.8	93.7	95.0	95.8	96.4	97.1	97.1	97.1	
GE	500		57.5	68.3	75.4	78.2	84.0	89.2	91.6	94.8	96.1	97.0	97.7	98.5	98.5	98.5	
GE	400		57.5	68.3	75.4	78.2	84.0	89.3	91.8	94.9	96.6	97.6	98.3	99.3	99.3	99.3	
GE	300		57.5	68.3	75.4	78.2	84.0	89.3	91.9	95.2	97.0	98.1	98.8	99.9	99.9	99.9	
GE	200		57.5	68.3	75.4	78.2	84.0	89.3	91.9	95.2	97.0	98.1	98.8	99.9	99.9	99.9	
GE	100		57.5	68.3	75.4	78.2	84.0	89.3	91.9	95.2	97.0	98.1	98.8	99.9	99.9	100.0	
GE	0		57.5	68.3	75.4	78.2	84.0	89.3	91.9	95.2	97.0	98.1	98.8	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 425



U.S. AIR FORCE CLIMATE BRANCH  
 WAFB  
 AIR FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 76-85  
 MONTH: MAR HOURS(LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	70	60	50	40	30	24	20	16	12	10	8	5	4
5000																	
4000																	
3000																	
2000																	
1000																	
500																	
250																	
100																	
50																	
25																	
10																	
5																	
2																	
1																	
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TOTAL																	

TOTAL NUMBER OF OBSERVATIONS: 841

GENERAL CLIMATE DATA BRANCH  
USAF/TAG  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 10001 STATION NAME: WILLEM-HOOVEN, NETHERLANDS

PERIOD OF RECORD: 76-85  
MONTH: MAR HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	FEET	GE 100	GE 200	GE 300	GE 400	GE 500	GE 600	GE 700	GE 800	GE 900	GE 1000	GE 1200	GE 1400	GE 1600	GE 1800	GE 2000	
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TOTAL NUMBER OF OBSERVATIONS: 6631

GENERAL CLIMATELOGY BRANCH  
 CAAELTAG  
 AIR WEATHER SERVICE/AMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILLESPIEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: APR HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	M	16	9	8	6	4	3	2	1	0	16	12	10	8	5	4	3
10000																	
8000																	
6000																	
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TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY PROJECT  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: ROTTERDAM NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: APR HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	100	40	60	80	100	120	140	160	180	200	240	280	320	360	400	480	560
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
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GE 3500																	
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GE 1200																	
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GE 800																	
GE 700																	
GE 600																	
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GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 797

U.S. NAVAL CLIMATOLOGY BRANCH  
 NASATLAS  
 AIR WEATHER SERVICE/CMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILCH-NIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: MAY HOURS(IST): 1900-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000
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NO CEIL																
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GE 2000																
GE 1600																
GE 1400																
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TOTAL NUMBER OF OBSERVATIONS: 770

GENERAL CLIMATOLOGY BRANCH  
OSAF/CTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	70	60	50	40	30	24	20	16	12	10	8	5	4
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			62.6	66.1	69.5	70.2	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500			66.4	69.7	73.2	73.9	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000			69.1	72.7	76.5	77.2	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500			72.6	76.5	80.7	81.5	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000			74.1	78.2	82.6	83.4	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500			78.5	83.3	87.5	88.5	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2000			79.9	84.5	89.6	90.6	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800			80.3	85.5	90.4	91.4	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1600			81.1	86.5	91.6	92.9	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1400			81.7	87.2	92.2	93.5	95.3	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200			82.2	87.9	93.0	94.5	96.6	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000			82.2	88.3	93.1	94.7	97.0	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900			82.2	88.3	93.3	94.9	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800			82.2	88.3	93.3	94.9	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 700			82.2	88.3	93.3	94.9	97.5	98.3	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 600			82.2	88.3	93.3	95.0	97.9	98.9	98.9	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 500			82.2	88.3	93.3	95.0	97.9	98.9	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 400			82.2	88.3	93.3	95.0	97.9	98.9	99.1	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 300			82.2	88.3	93.3	95.0	97.9	98.9	99.1	99.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0
GE 200			82.2	88.3	93.3	95.0	97.9	98.9	99.1	99.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0
GE 100			82.2	88.3	93.3	95.0	97.9	98.9	99.1	99.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0
GE 0			82.2	88.3	93.3	95.0	97.9	98.9	99.1	99.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 758

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	60	40	40	32	24	20	16	12	10	8	5	4	3
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		54.6	57.5	61.4	62.0	63.1	63.4	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE	4500		56.0	59.1	62.9	63.6	64.6	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE	4000		58.9	62.3	66.3	67.0	68.0	68.3	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE	3500		63.4	66.8	71.1	71.8	72.8	73.1	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE	3000		67.1	70.5	75.4	76.0	77.0	77.4	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE	2500		70.9	75.3	80.1	80.7	81.7	82.1	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE	2000		75.8	80.2	85.2	85.9	86.9	87.4	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	1800		77.2	81.3	87.0	87.6	88.7	89.2	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	1500		78.9	84.3	89.7	90.3	91.3	91.9	92.4	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE	1200		79.6	85.2	91.7	92.6	93.7	94.5	95.0	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE	1000		79.9	86.3	92.9	93.9	95.3	96.1	96.7	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE	900		79.9	86.4	93.4	94.5	95.8	96.6	97.2	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE	800		79.9	86.5	93.6	94.7	96.1	96.8	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE	700		79.9	86.5	93.6	94.7	96.1	97.0	97.6	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE	600		79.9	86.5	93.6	94.7	96.3	97.4	98.0	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE	500		79.9	86.5	93.7	94.8	96.5	97.6	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE	400		79.9	86.5	93.7	94.8	96.6	97.7	98.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE	300		79.9	86.5	93.7	94.8	96.6	97.7	98.5	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0
GE	200		79.9	86.5	93.7	94.8	96.6	97.7	98.5	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0
GE	100		79.9	86.5	93.7	94.8	96.6	97.7	98.5	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0
GE	0		79.9	86.5	93.7	94.8	96.6	97.7	98.5	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	100	90	80	70	60	50	40	30	24	20	16	12	10	8	5	4
FEET																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1400																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 757



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	50	63	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																
GE 10000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1600																
GE 1400																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FLEET	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31
GE 0000																	
GE 1000																	
GE 1500																	
GE 1600																	
GE 1700																	
GE 1800																	
GE 1900																	
GE 2000																	
GE 2100																	
GE 2200																	
GE 2300																	
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GE 2500																	
GE 2600																	
GE 2700																	
GE 2800																	
GE 2900																	
GE 3000																	
GE 3100																	
GE 3200																	
GE 3300																	
GE 3400																	
GE 3500																	
GE 3600																	
GE 3700																	
GE 3800																	
GE 3900																	
GE 4000																	
GE 4100																	
GE 4200																	
GE 4300																	
GE 4400																	
GE 4500																	
GE 4600																	
GE 4700																	
GE 4800																	
GE 4900																	
GE 5000																	
GE 5100																	
GE 5200																	
GE 5300																	
GE 5400																	
GE 5500																	
GE 5600																	
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GE 6100																	
GE 6200																	
GE 6300																	
GE 6400																	
GE 6500																	
GE 6600																	
GE 6700																	
GE 6800																	
GE 6900																	
GE 7000																	
GE 7100																	
GE 7200																	
GE 7300																	
GE 7400																	
GE 7500																	
GE 7600																	
GE 7700																	
GE 7800																	
GE 7900																	
GE 8000																	
GE 8100																	
GE 8200																	
GE 8300																	
GE 8400																	
GE 8500																	
GE 8600																	
GE 8700																	
GE 8800																	
GE 8900																	
GE 9000																	
GE 9100																	
GE 9200																	
GE 9300																	
GE 9400																	
GE 9500																	
GE 9600																	
GE 9700																	
GE 9800																	
GE 9900																	
GE 1000																	

TOTAL NUMBER OF OBSERVATIONS: 754

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 065500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS (LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
FEET	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2400	2800
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1400																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 00																	

TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY BRANCH  
USAF/ITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
GE	FEET	100	90	80	70	60	50	40	32	24	20	16	12	10	8	5	4
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			49.0	54.5	59.5	61.3	63.4	65.1	65.8	66.4	66.7	66.9	67.2	67.7	67.8	68.0	
GE 4500			50.2	56.1	61.1	63.0	65.1	66.8	67.5	68.1	68.4	68.6	68.9	69.4	69.5	69.7	
GE 4000			52.1	58.3	63.4	65.3	67.5	69.2	69.9	70.5	70.8	71.0	71.3	71.8	71.9	72.1	
GE 3500			53.8	60.3	65.3	67.2	69.4	71.2	71.9	72.6	72.9	73.0	73.4	73.8	74.0	74.2	
GE 3000			56.0	62.4	67.9	69.8	72.1	73.9	74.7	75.3	75.7	75.8	76.2	76.6	76.8	77.0	
GE 2500			59.0	65.5	71.4	73.4	75.8	77.8	78.6	79.3	79.6	79.8	80.1	80.6	80.8	81.0	
GE 2000			61.2	68.5	74.4	76.5	79.0	81.0	81.8	82.6	82.9	83.1	83.4	83.9	84.0	84.3	
GE 1800			62.1	69.5	75.6	77.8	80.4	82.4	83.3	84.0	84.3	84.5	84.9	85.4	85.5	85.7	
GE 1500			63.3	71.1	77.5	79.9	82.7	84.9	85.7	86.5	86.9	87.0	87.4	87.9	88.0	88.2	
GE 1200			64.2	72.5	79.5	82.2	85.3	87.7	88.6	89.4	89.7	89.9	90.3	90.8	90.9	91.1	
GE 1000			64.4	73.3	80.3	83.1	86.6	89.1	90.1	91.0	91.4	91.5	91.9	92.4	92.5	92.8	
GE 900			64.5	73.3	80.6	83.6	87.2	90.0	91.1	92.1	92.5	92.6	93.0	93.5	93.6	93.8	
GE 800			64.7	73.5	80.9	84.1	88.0	91.1	92.3	93.4	93.8	94.0	94.4	94.9	95.0	95.2	
GE 700			64.8	73.7	81.3	84.6	88.6	91.8	93.2	94.4	94.9	95.0	95.4	95.9	96.0	96.3	
GE 600			64.9	73.8	81.5	84.7	89.0	92.5	93.9	95.2	95.7	95.9	96.3	96.7	96.9	97.1	
GE 500			64.9	73.9	81.5	84.8	89.1	92.9	94.6	96.0	96.5	96.8	97.2	97.7	97.8	98.0	
GE 400			64.9	73.9	81.6	84.9	89.3	93.2	95.0	96.6	97.1	97.3	97.8	98.3	98.5	98.7	
GE 300			64.9	73.9	81.6	84.9	89.3	93.3	95.1	96.8	97.4	97.7	98.3	98.8	99.0	99.2	
GE 200			64.9	73.9	81.6	84.9	89.3	93.3	95.1	96.8	97.5	97.8	98.4	99.0	99.1	99.6	
GE 100			64.9	73.9	81.6	84.9	89.3	93.3	95.1	96.8	97.5	97.8	98.4	99.0	99.2	99.8	
GE 0			64.9	73.9	81.6	84.9	89.3	93.3	95.1	96.8	97.5	97.8	98.4	99.0	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6338

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	90	80	70	60	50	40	32	24	20	16	12	10	8	5
NO CEIL																
GE	20000															
GE	18000															
GE	16000															
GE	14000															
GE	12000															
GE	10000															
GE	9000															
GE	8000															
GE	7000															
GE	6000															
GE	5000			61.2	66.7	71.8	73.7	74.8	77.1	77.6	77.8	77.9	77.9	77.9	78.2	78.2
GE	4500			61.8	67.5	72.7	74.7	75.8	78.1	78.6	78.8	78.9	78.9	78.9	79.2	79.2
GE	4000			63.3	69.0	74.3	76.3	77.4	79.7	80.2	80.4	80.5	80.5	80.5	80.8	80.8
GE	3500			64.2	69.5	75.3	77.3	78.4	80.7	81.2	81.4	81.5	81.5	81.5	81.8	81.8
GE	3000			65.3	70.9	76.4	78.4	79.9	82.3	82.8	83.0	83.2	83.2	83.2	83.4	83.4
GE	2500			67.2	72.9	78.7	80.7	82.5	85.0	85.5	85.8	85.9	85.9	85.9	86.2	86.2
GE	2000			69.2	74.3	80.2	82.2	84.0	86.7	87.2	87.4	87.5	87.5	87.5	87.8	87.8
GE	1800			68.7	75.2	81.3	83.3	85.2	87.8	88.3	88.5	88.7	88.7	88.7	88.9	88.9
GE	1500			69.7	76.5	82.9	85.0	87.2	89.8	90.4	90.9	91.0	91.0	91.0	91.3	91.3
GE	1200			70.6	78.3	85.0	87.3	89.8	92.8	93.5	94.0	94.1	94.1	94.1	94.4	94.4
GE	1000			70.8	78.7	85.9	88.2	90.8	93.9	94.6	95.3	95.4	95.4	95.4	95.6	95.6
GE	900			70.8	78.9	86.0	88.7	91.6	94.9	95.8	96.4	96.5	96.5	96.5	96.8	96.8
GE	800			71.1	79.1	86.3	88.9	91.9	95.6	96.8	97.4	97.5	97.5	97.5	97.8	97.8
GE	700			71.1	79.2	86.4	89.2	92.4	96.1	97.3	97.9	98.0	98.0	98.0	98.3	98.3
GE	600			71.1	79.2	86.4	89.2	92.6	96.6	97.8	98.4	98.5	98.5	98.5	98.8	98.8
GE	500			71.1	79.2	86.5	89.3	92.8	97.0	98.4	99.0	99.1	99.1	99.1	99.4	99.4
GE	400			71.1	79.2	86.5	89.3	92.9	97.3	98.8	99.4	99.5	99.5	99.5	99.8	99.8
GE	300			71.1	79.2	86.5	89.3	92.9	97.4	98.9	99.6	99.8	99.8	99.8	100.0	100.0
GE	200			71.1	79.2	86.5	89.3	92.9	97.4	98.9	99.6	99.8	99.8	99.8	100.0	100.0
GE	100			71.1	79.2	86.5	89.3	92.9	97.4	98.9	99.6	99.8	99.8	99.8	100.0	100.0
GE	0			71.1	79.2	86.5	89.3	92.9	97.4	98.9	99.6	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(EST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	IN METERS	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			65.2	69.7	72.7	74.2	75.7	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	
GE 4500			67.1	71.5	74.7	76.4	77.9	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 4000			68.9	73.3	76.5	78.3	79.8	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 3500			70.2	74.5	78.0	79.8	81.3	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 3000			72.1	76.7	80.3	82.0	83.6	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 2500			73.8	78.9	82.6	84.3	85.8	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	
GE 2000			74.8	80.3	84.7	86.6	88.5	89.3	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	
GE 1800			75.1	80.8	85.2	87.6	89.5	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	
GE 1500			75.6	81.7	86.6	89.0	91.2	92.2	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	
GE 1200			75.9	82.4	87.9	90.5	92.9	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	
GE 1000			75.9	82.6	88.0	90.8	93.3	94.7	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	
GE 900			75.9	82.5	88.0	90.8	93.7	95.1	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	
GE 800			76.0	82.7	88.1	90.9	94.3	96.0	97.1	98.1	98.4	98.4	98.5	98.5	98.5	98.5	
GE 700			76.0	82.7	88.1	90.9	94.4	96.2	97.3	98.5	98.7	98.7	98.9	98.9	98.9	98.9	
GE 600			76.1	82.9	89.2	91.0	94.7	96.5	97.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	
GE 500			76.1	82.9	88.2	91.0	94.7	96.6	98.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	
GE 400			76.1	82.9	88.4	91.2	94.8	96.8	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	
GE 300			76.1	82.9	88.4	91.2	94.8	96.8	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	
GE 200			76.1	82.9	88.4	91.2	94.8	96.8	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	
GE 100			76.1	82.9	88.4	91.2	94.8	96.8	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	
GE 0			76.1	82.9	88.4	91.2	94.8	96.8	98.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 791

CEGAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	FEET	GE 100	GE 90	GE 80	GE 70	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEILING																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000			57.1	61.9	64.8	65.5	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500			59.3	64.5	67.7	68.3	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4000			61.4	67.4	70.5	71.2	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500			65.1	71.2	74.3	75.1	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000			69.7	76.3	79.3	80.1	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500			73.6	80.5	84.0	84.7	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000			75.0	82.3	86.0	86.9	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800			75.4	82.9	86.9	87.9	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500			76.0	83.7	88.7	90.1	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200			76.8	85.3	91.0	92.4	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000			76.9	85.1	91.1	93.2	95.0	95.4	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900			77.0	85.4	91.5	93.7	95.8	96.3	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800			77.2	85.5	91.9	94.4	96.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700			77.2	85.9	92.0	94.5	96.9	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600			77.2	85.9	92.2	94.6	97.0	97.8	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500			77.2	85.9	92.2	94.6	97.2	98.1	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400			77.2	85.9	92.2	94.6	97.2	98.1	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300			77.2	85.9	92.2	94.6	97.2	98.1	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200			77.2	85.9	92.2	94.6	97.2	98.1	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			77.2	85.9	92.2	94.6	97.2	98.1	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 00			77.2	85.9	92.2	94.6	97.2	98.1	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 779

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
NO CEIL																
GE 2000																
GE 1800																
GE 1600																
GE 1400																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 450																
GE 400																
GE 350																
GE 300																
GE 250																
GE 200																
GE 150																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 795



GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 003500 STATION NAME: GILZE-RIJN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	1	51	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	160	90	60	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				39.3	44.5	50.3	52.1	54.7	56.5	57.2	58.7	58.7	58.7	58.9	59.3	59.3	59.3
GE 4500				40.3	46.1	51.9	53.9	56.5	58.3	59.0	60.5	60.5	60.5	60.7	61.1	61.1	61.1
GE 4000				42.5	48.4	54.3	56.2	58.9	60.7	61.5	62.9	62.9	62.9	63.2	63.6	63.6	63.6
GE 3500				43.4	49.3	55.3	57.4	60.1	61.9	62.7	64.1	64.1	64.1	64.3	64.7	64.7	64.7
GE 3000				45.6	51.2	57.9	59.9	62.7	64.6	65.4	66.9	66.9	66.9	67.2	67.6	67.6	67.6
GE 2500				50.1	57.3	63.2	65.4	68.2	70.2	70.9	72.5	72.5	72.6	72.9	73.3	73.3	73.3
GE 2000				54.1	62.3	68.7	70.9	73.8	75.7	76.5	78.2	78.2	78.3	78.6	78.9	78.9	78.9
GE 1800				56.3	64.3	71.4	73.6	76.7	78.7	79.5	81.1	81.1	81.3	81.5	81.9	81.9	81.9
GE 1500				58.4	67.1	74.3	76.6	79.7	81.7	82.4	84.2	84.2	84.4	84.6	85.0	85.0	85.0
GE 1200				59.6	69.1	76.7	79.2	83.3	85.5	86.3	88.1	88.1	88.2	88.5	88.9	88.9	88.9
GE 1000				59.8	69.5	78.2	80.7	85.4	88.0	88.9	90.7	90.7	90.8	91.1	91.5	91.5	91.5
GE 900				59.8	69.6	78.3	80.9	85.7	88.5	89.7	91.5	91.6	91.7	92.0	92.4	92.4	92.4
GE 800				59.8	69.9	78.7	81.4	86.4	89.7	91.0	92.9	93.0	93.2	93.4	93.8	93.8	93.8
GE 700				60.2	70.2	79.3	82.0	87.6	91.0	92.5	94.6	94.7	94.8	95.1	95.5	95.5	95.5
GE 600				60.2	70.3	79.5	82.2	87.9	91.3	93.2	95.2	95.5	95.7	96.0	96.4	96.4	96.4
GE 500				60.2	70.3	79.5	82.2	87.9	91.5	93.5	96.0	96.3	96.8	97.0	97.4	97.4	97.4
GE 400				60.2	70.3	79.5	82.2	87.9	91.6	93.9	96.5	96.8	97.4	97.9	98.3	98.3	98.3
GE 300				60.2	70.3	79.5	82.2	87.9	91.6	93.9	96.8	97.0	97.9	98.6	99.2	99.2	99.4
GE 200				60.2	70.3	79.5	82.2	87.9	91.6	93.9	96.8	97.0	97.9	98.7	99.5	99.5	99.6
GE 100				60.2	70.3	79.5	82.2	87.9	91.6	93.9	96.8	97.0	97.9	98.7	99.5	99.5	99.9
GE 0				60.2	70.3	79.5	82.2	87.9	91.6	93.9	96.8	97.0	97.9	98.7	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 774

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 005500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: APR HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			30.9	30.3	44.5	47.5	51.1	54.9	57.0	58.9	60.1	60.6	62.0	63.9	64.0	65.3	
GE 4500			31.7	39.2	45.6	48.7	52.2	56.0	58.2	60.1	61.2	61.9	63.2	65.1	65.3	66.5	
GE 4000			33.5	41.6	48.2	51.3	54.9	58.7	61.0	62.9	64.0	64.6	66.0	67.9	68.1	69.3	
GE 3500			34.0	42.3	49.0	52.2	55.8	59.8	62.1	64.0	65.1	65.9	67.3	69.2	69.3	70.6	
GE 3000			34.9	43.2	50.3	53.5	57.0	61.3	63.6	65.5	66.7	67.4	68.8	70.7	70.8	72.1	
GE 2500			36.4	45.1	52.3	55.6	59.3	63.9	66.2	68.2	69.3	70.1	71.5	73.4	73.5	74.8	
GE 2000			38.1	47.1	54.4	57.8	61.9	66.4	68.7	70.7	71.9	72.6	74.0	75.9	76.0	77.3	
GE 1800			39.0	48.3	55.6	59.1	63.2	67.8	70.1	72.1	73.3	74.0	75.5	77.4	77.6	78.8	
GE 1500			40.2	49.9	57.5	61.2	65.8	70.6	72.9	74.9	76.0	76.8	78.3	80.2	80.4	81.6	
GE 1200			41.1	51.3	59.2	63.5	68.3	73.5	75.8	77.8	79.0	79.7	81.2	83.1	83.3	84.5	
GE 1000			41.3	51.7	60.1	64.5	69.6	74.8	77.3	79.3	80.5	81.2	82.8	84.7	84.8	86.1	
GE 900			41.6	52.2	61.0	65.7	70.7	76.3	79.1	81.1	82.4	83.1	84.7	86.6	86.7	88.0	
GE 800			41.6	52.5	61.5	66.7	72.1	78.3	81.2	83.4	84.8	85.6	87.2	89.1	89.2	90.5	
GE 700			42.2	53.0	62.0	67.3	72.9	79.3	82.4	85.0	86.4	87.2	88.8	90.7	90.9	92.1	
GE 600			42.2	53.0	62.4	67.8	73.6	80.5	83.7	86.3	87.8	88.6	90.2	92.1	92.3	93.5	
GE 500			42.2	53.0	62.4	67.8	73.8	80.7	84.2	87.5	89.0	89.7	91.4	93.4	93.5	94.8	
GE 400			42.2	53.0	62.4	67.8	73.8	81.1	84.7	88.3	90.0	90.7	92.4	94.6	94.7	96.1	
GE 300			42.2	53.0	62.4	67.8	73.9	81.2	84.8	88.6	90.5	91.3	93.2	95.4	95.6	97.1	
GE 200			42.2	53.0	62.4	67.8	73.9	81.2	84.8	88.6	90.6	91.4	93.3	95.8	96.2	98.6	
GE 100			42.2	53.0	62.4	67.8	73.9	81.2	84.8	88.6	90.6	91.4	93.3	95.8	96.2	99.1	
GE 0			42.2	53.0	62.4	67.8	73.9	81.2	84.8	88.6	90.6	91.4	93.3	95.8	96.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 739

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: MAY HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS													
IN	FEET	100	90	80	70	60	50	40	32	24	20	16	12	10	8
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000															
GE 4500															
GE 4000															
GE 3500															
GE 3000															
GE 2500															
GE 2000															
GE 1800															
GE 1600															
GE 1500															
GE 1400															
GE 1300															
GE 1200															
GE 1100															
GE 1000															
GE 900															
GE 800															
GE 700															
GE 600															
GE 500															
GE 400															
GE 300															
GE 200															
GE 100															
GE 00															

TOTAL NUMBER OF OBSERVATIONS: 779

JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84

MONTH: MAY HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 45	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 6230

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		55.2	61.9	67.5	69.8	72.5	75.4	77.5	78.6	79.2	79.4	79.9	79.9	80.1	80.1	80.1	80.1
GE 4500		56.3	63.3	69.6	70.9	73.6	76.5	78.6	79.6	80.3	80.5	81.0	81.0	81.1	81.1	81.1	81.1
GE 4000		57.7	64.3	69.9	72.3	75.0	77.9	79.9	81.0	81.7	81.8	82.4	82.4	82.5	82.5	82.5	82.5
GE 3500		59.3	66.3	71.9	74.2	76.9	79.8	81.8	82.9	83.6	83.7	84.3	84.3	84.4	84.4	84.4	84.4
GE 3000		60.4	67.1	73.4	75.7	78.4	81.3	83.3	84.4	85.1	85.2	85.8	85.8	85.9	85.9	85.9	85.9
GE 2500		61.9	68.6	75.3	77.6	80.3	83.2	85.2	86.3	87.0	87.3	87.8	87.8	88.0	88.0	88.0	88.0
GE 2000		63.9	70.9	77.5	79.9	82.8	85.8	87.8	88.9	89.6	89.9	90.4	90.4	90.6	90.6	90.7	90.7
GE 1800		64.3	71.2	77.9	80.6	83.6	86.6	88.7	89.8	90.4	90.7	91.3	91.3	91.4	91.4	91.5	91.5
GE 1500		65.7	72.7	79.4	82.2	85.4	88.7	90.7	91.8	92.5	92.8	93.3	93.3	93.4	93.4	93.6	93.6
GE 1200		66.9	74.3	80.7	83.6	87.3	90.7	92.8	94.0	94.7	94.9	95.5	95.5	95.6	95.6	95.8	95.8
GE 1000		66.9	74.3	80.7	83.7	87.6	91.3	93.3	94.7	95.4	95.6	96.2	96.2	96.3	96.4	96.4	96.4
GE 900		67.1	74.2	80.9	83.9	87.7	91.4	93.4	95.2	95.9	96.2	96.7	96.7	96.9	96.9	97.0	97.0
GE 800		67.1	74.2	80.9	83.9	87.7	91.7	93.7	95.5	96.2	96.4	97.0	97.0	97.1	97.1	97.3	97.3
GE 700		67.1	74.2	81.0	84.0	88.0	91.9	94.0	95.8	96.4	96.7	97.3	97.3	97.4	97.4	97.5	97.5
GE 600		67.5	74.7	81.6	84.7	88.7	92.8	94.8	96.7	97.4	97.7	98.2	98.2	98.4	98.4	98.5	98.5
GE 500		67.5	74.7	81.7	84.8	88.8	93.2	95.2	97.1	97.8	98.1	98.6	98.6	98.8	98.8	98.9	98.9
GE 400		67.5	74.7	81.8	85.0	88.9	93.3	95.4	97.3	98.0	98.2	98.8	98.8	98.9	98.9	99.0	99.0
GE 300		67.5	74.7	81.8	85.0	88.9	93.4	95.5	97.7	98.4	98.8	99.6	99.6	99.7	99.7	99.9	99.9
GE 200		67.5	74.7	81.8	85.0	88.9	93.4	95.5	97.7	98.4	98.8	99.6	99.6	99.7	99.7	99.9	99.9
GE 100		67.5	74.7	81.8	85.0	88.9	93.4	95.5	97.7	98.4	98.8	99.6	99.6	99.7	99.7	99.9	99.9
GE 0		67.5	74.7	81.8	85.0	88.9	93.4	95.5	97.7	98.4	98.8	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 732

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: J63500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(IST): 0300-0500

CEILING FEET	VISIBILITY IN HUNDREDS OF METERS															
	14	12	10	8	6	4	3	2	1	0	0	0	0	0	0	0
GE 25000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 755

GLOBAL CLIMATOLOGY BRANCH  
 DDAFETAC  
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: JUN HOURS(UT): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	16	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	16	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			35.0	40.2	45.5	47.4	51.5	57.0	58.9	61.1	62.3	62.8	63.6	64.5	64.5	65.0
GE 4500			36.1	41.5	46.9	48.9	53.0	58.5	60.3	62.5	63.7	64.3	65.0	66.0	66.0	66.5
GE 4000			37.0	43.1	48.5	50.5	54.5	60.1	62.2	64.4	65.6	66.1	66.9	67.8	67.8	68.3
GE 3500			38.5	44.7	50.3	52.3	56.4	61.9	64.0	66.2	67.4	67.9	68.7	69.6	69.6	70.2
GE 3000			39.4	45.5	51.2	53.2	57.6	63.1	65.2	67.4	68.6	69.1	69.9	70.8	70.8	71.4
GE 2500			41.0	47.3	53.1	55.1	59.5	65.2	67.4	69.6	70.8	71.4	72.1	73.1	73.1	73.6
GE 2000			43.0	49.5	55.6	57.7	62.2	68.1	70.3	72.5	73.7	74.4	75.2	76.1	76.1	76.6
GE 1800			43.4	50.1	56.4	58.5	63.1	69.0	71.2	73.6	74.8	75.4	76.2	77.1	77.1	77.7
GE 1700			45.1	52.2	58.7	60.8	65.6	71.6	74.1	76.9	78.1	78.7	79.6	80.7	80.7	81.2
GE 1500			45.6	54.7	61.9	64.5	69.6	75.8	78.3	81.1	82.3	82.9	83.8	84.9	84.9	85.4
GE 1400			46.9	55.3	62.9	65.7	71.2	77.9	80.7	84.0	85.4	86.1	87.0	88.0	88.0	88.6
GE 1300			46.9	55.7	63.5	66.5	72.0	79.1	82.3	85.5	87.0	87.8	88.7	89.8	89.8	90.3
GE 1200			46.9	56.1	64.1	67.3	73.1	80.4	83.7	87.0	88.6	89.4	90.3	91.3	91.3	91.9
GE 1100			46.9	56.2	64.5	67.6	73.6	81.2	84.8	88.8	90.4	91.2	92.1	93.2	93.2	93.7
GE 1000			46.9	56.2	64.5	67.9	73.9	81.6	85.2	89.6	91.2	92.0	93.0	94.1	94.1	94.6
GE 900			46.9	56.2	64.5	67.9	74.4	82.7	86.6	91.7	93.4	94.3	95.5	96.7	96.7	97.2
GE 800			46.9	56.2	64.5	67.9	74.5	82.9	87.0	92.6	94.5	95.5	96.7	97.9	97.9	98.4
GE 700			46.9	56.2	64.5	67.9	74.5	82.9	87.3	93.0	94.9	95.9	97.1	98.4	98.4	99.1
GE 600			46.9	56.2	64.5	67.9	74.5	83.0	87.4	93.3	95.1	96.2	97.4	98.8	98.8	99.5
GE 500			46.9	56.2	64.5	67.9	74.5	83.0	87.4	93.3	95.1	96.2	97.4	98.9	98.9	100.0
GE 0			46.9	56.2	64.5	67.9	74.5	83.0	87.4	93.3	95.1	96.2	97.4	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 751

GLOBAL CLIMATOLOGY BRANCH  
WAFS/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	ST 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			40.8	46.7	52.2	54.0	57.0	58.5	58.9	59.2	59.3	59.3	59.5	59.6	59.6	59.6	59.6
GE 4500			41.6	47.5	53.1	54.9	57.9	59.7	60.1	60.4	60.5	60.5	60.6	60.8	60.8	60.8	60.8
GE 4000			43.5	49.4	55.1	57.1	60.1	61.9	62.3	62.6	62.7	62.7	62.8	63.0	63.0	63.0	63.0
GE 3500			44.7	50.5	56.5	58.4	61.4	63.4	63.8	64.0	64.1	64.1	64.3	64.4	64.4	64.4	64.4
GE 3000			48.5	54.5	60.4	62.3	65.3	67.5	67.9	68.2	68.3	68.3	68.4	68.6	68.6	68.6	68.6
GE 2500			53.7	59.6	66.0	66.2	71.3	73.5	73.9	74.2	74.3	74.3	74.4	74.6	74.6	74.6	74.6
GE 2000			58.3	64.3	71.2	73.4	76.8	79.3	79.9	80.2	80.3	80.3	80.4	80.6	80.6	80.6	80.6
GE 1800			59.2	66.1	72.6	74.8	78.2	80.7	81.4	81.6	81.7	81.7	81.9	82.0	82.0	82.0	82.0
GE 1500			61.7	69.5	76.5	79.0	82.5	85.3	85.9	86.2	86.3	86.3	86.4	86.6	86.6	86.6	86.6
GE 1200			63.1	72.3	79.5	82.1	86.0	88.9	89.7	90.1	90.2	90.2	90.4	90.5	90.5	90.5	90.5
GE 1000			63.4	72.5	80.7	83.4	87.9	91.7	92.4	93.0	93.1	93.1	93.2	93.4	93.4	93.4	93.4
GE 900			63.4	72.5	80.8	83.6	88.3	92.0	93.1	93.6	93.7	93.7	93.9	94.0	94.0	94.0	94.0
GE 800			63.4	72.9	81.6	84.4	89.0	93.4	94.4	95.0	95.2	95.2	95.3	95.4	95.4	95.4	95.4
GE 700			63.4	72.9	81.7	84.5	89.2	93.6	94.8	95.6	95.7	95.7	95.9	96.0	96.0	96.0	96.0
GE 600			63.4	72.9	81.9	84.6	89.6	94.1	95.7	97.0	97.1	97.1	97.3	97.4	97.4	97.4	97.4
GE 500			63.4	72.9	82.0	84.7	89.8	94.8	96.6	98.2	98.3	98.3	98.4	98.6	98.6	98.6	98.6
GE 400			63.4	72.9	82.1	84.7	90.1	95.3	97.1	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2
GE 300			63.4	72.9	82.0	84.7	90.1	95.3	97.1	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.6
GE 200			63.4	72.9	82.0	84.7	90.1	95.3	97.1	99.0	99.2	99.3	99.5	100.0	100.0	100.0	100.0
GE 100			63.4	72.9	82.0	84.7	90.1	95.3	97.1	99.0	99.2	99.3	99.5	100.0	100.0	100.0	100.0
GE 0			63.4	72.9	82.0	84.7	90.1	95.3	97.1	99.0	99.2	99.3	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 757



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAZ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			52.1	57.2	60.1	60.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
GE 4500			55.6	60.5	64.1	64.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 4000			59.3	65.3	68.4	69.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
GE 3500			62.9	68.9	72.5	73.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
GE 3000			67.5	73.5	77.3	78.1	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 2500			70.6	76.9	80.8	81.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
GE 2000			73.4	80.3	84.6	85.5	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
GE 1800			73.8	80.8	85.2	86.3	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
GE 1500			74.7	82.5	87.1	88.3	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
GE 1200			75.1	83.3	88.5	89.9	92.0	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	
GE 1000			75.2	83.4	88.9	90.7	93.5	94.8	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	
GE 900			75.3	83.5	89.0	90.9	93.6	95.0	95.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0	
GE 800			75.3	83.8	89.6	91.4	94.4	95.8	96.2	96.6	96.7	96.9	96.9	96.9	96.9	96.9	
GE 700			75.3	83.3	89.7	91.5	94.8	96.6	97.0	97.7	97.8	97.9	97.9	97.9	97.9	97.9	
GE 600			75.3	83.3	89.7	91.5	94.8	97.3	97.7	98.3	98.4	98.6	98.6	98.6	98.6	98.6	
GE 500			75.3	83.5	89.9	91.6	95.2	97.8	98.3	99.0	99.1	99.2	99.2	99.2	99.2	99.2	
GE 400			75.3	83.8	89.9	91.6	95.2	98.0	98.6	99.2	99.3	99.5	99.5	99.5	99.5	99.5	
GE 300			75.3	83.3	89.8	91.6	95.2	98.2	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	
GE 200			75.3	83.3	89.8	91.6	95.2	98.2	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	
GE 100			75.3	83.3	89.8	91.6	95.2	98.2	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	
GE 0			75.3	83.8	89.8	91.6	95.2	98.2	98.8	99.5	99.7	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 766

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 1500-1700

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 749

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	61	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			71.2	76.1	79.4	80.3	81.1	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500			72.5	77.5	80.8	81.7	82.5	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000			75.1	80.3	83.5	84.4	85.2	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500			76.1	81.3	84.6	85.5	86.3	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000			78.0	83.3	86.6	87.5	88.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500			79.6	85.2	89.0	89.9	90.7	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000			87.3	86.5	90.4	91.3	92.1	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800			87.5	87.3	91.4	92.5	93.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500			80.9	87.5	92.1	93.3	94.2	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200			81.2	87.9	92.6	93.9	94.8	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000			81.2	87.9	92.7	94.3	95.3	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900			81.2	87.9	92.7	94.3	95.5	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800			81.2	87.9	92.7	94.4	95.6	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 700			81.2	87.9	92.7	94.4	95.6	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 600			81.2	87.9	92.7	94.7	95.8	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 500			81.2	87.9	92.7	95.1	96.2	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 400			81.3	88.1	92.9	95.2	96.5	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300			81.3	88.1	92.9	95.2	96.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			81.3	88.1	92.9	95.2	96.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			81.3	88.1	92.9	95.2	96.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			81.3	88.1	92.9	95.2	96.5	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 771

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAG

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GE 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			65.2	70.5	74.6	77.0	80.3	81.8	82.8	83.2	83.2	83.3	83.6	83.6	83.6	83.6	83.6
GE 4500			66.4	71.3	75.8	78.2	81.6	83.2	84.1	84.5	84.5	84.6	84.9	84.9	84.9	84.9	84.9
GE 4000			68.2	73.5	77.8	80.2	83.6	85.2	86.1	86.5	86.5	86.6	86.9	86.9	86.9	86.9	86.9
GE 3500			69.3	74.5	78.9	81.3	84.8	86.4	87.4	87.8	87.8	88.0	88.2	88.2	88.2	88.2	88.2
GE 3000			70.2	75.5	80.2	82.9	86.4	88.0	89.0	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8
GE 2500			71.7	77.5	82.4	85.0	88.5	90.1	91.2	91.6	91.6	91.7	92.0	92.0	92.0	92.0	92.0
GE 2000			72.3	78.3	83.2	86.0	89.4	91.0	92.1	92.5	92.5	92.6	92.9	92.9	92.9	92.9	92.9
GE 1800			72.3	78.5	83.4	86.4	90.0	91.6	92.6	93.0	93.0	93.2	93.4	93.4	93.4	93.4	93.4
GE 1500			72.7	78.9	84.0	87.2	91.0	92.9	94.0	94.4	94.4	94.5	94.8	94.8	94.8	94.8	94.8
GE 1200			73.4	79.7	85.3	88.8	92.6	94.7	95.7	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5
GE 1000			73.4	79.7	85.3	88.8	92.6	94.8	96.0	96.4	96.4	96.7	96.9	96.9	96.9	96.9	96.9
GE 900			73.5	79.8	85.4	88.9	92.8	94.9	96.1	96.5	96.5	96.8	97.1	97.1	97.1	97.1	97.1
GE 800			73.5	79.8	85.6	89.0	92.9	95.3	96.5	97.1	97.1	97.3	97.6	97.6	97.6	97.6	97.6
GE 700			73.5	79.9	85.6	89.2	93.2	95.7	97.1	97.6	97.6	97.9	98.1	98.1	98.1	98.1	98.1
GE 600			73.7	80.1	86.0	89.6	93.6	96.1	97.6	98.3	98.3	98.5	98.8	98.8	98.8	98.8	98.8
GE 500			73.7	80.1	86.0	89.6	93.9	96.4	97.9	98.5	98.7	98.9	99.2	99.2	99.2	99.2	99.2
GE 400			73.7	80.2	86.1	89.7	94.0	96.5	98.0	98.8	99.1	99.5	99.7	99.7	99.7	99.7	99.7
GE 300			73.7	80.2	86.1	89.7	94.0	96.5	98.0	98.8	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 200			73.7	80.2	86.1	89.7	94.0	96.5	98.0	98.8	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 100			73.7	80.2	86.1	89.7	94.0	96.5	98.0	98.8	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 0			73.7	80.2	86.1	89.7	94.0	96.5	98.0	98.8	99.1	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 748

CLIMATOLGY BRANCH  
USAFETAC  
WIL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 065500 STATION NAME: DILLE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUN HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	100	92	80	60	44	40	32	24	20	16	12	10	8	5	4	0	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1400																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 450																	
GE 400																	
GE 350																	
GE 300																	
GE 250																	
GE 200																	
GE 180																	
GE 160																	
GE 140																	
GE 120																	
GE 100																	
GE 90																	
GE 80																	
GE 70																	
GE 60																	
GE 50																	
GE 40																	
GE 30																	
GE 20																	
GE 10																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 6749

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
FEET	100	160	90	90	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000					56.4	63.3	69.1	72.0	74.5	76.3	77.3	78.3	78.6	78.8	79.0	79.3	79.4
GE 4000					57.4	64.3	70.1	73.0	75.5	77.3	78.3	79.3	79.6	79.8	80.0	80.3	80.4
GE 3000					58.6	65.5	71.6	74.5	77.0	78.8	79.8	80.8	81.1	81.3	81.5	81.8	81.9
GE 2000					59.6	66.5	72.8	75.6	78.3	80.1	81.1	82.1	82.5	82.6	82.9	83.1	83.3
GE 1000					60.3	67.2	74.4	77.3	80.3	82.1	83.1	84.1	84.5	84.6	84.9	85.1	85.3
GE 2000					61.9	69.1	75.9	78.9	81.9	83.8	84.8	85.8	86.1	86.3	86.5	86.8	86.9
GE 1000					63.1	70.5	77.6	80.6	83.9	85.8	86.8	87.9	88.3	88.4	89.6	88.9	89.0
GE 1000					63.5	71.1	78.5	81.5	84.9	86.8	87.8	88.9	89.3	89.4	89.6	89.9	90.0
GE 1000					64.6	72.4	80.0	83.3	86.6	88.5	89.5	90.6	91.1	91.3	91.5	91.8	91.9
GE 1000					66.5	74.5	82.4	85.9	89.6	91.8	92.8	93.9	94.4	94.5	94.8	95.0	95.1
GE 1000					67.3	75.3	83.4	86.9	90.8	93.0	94.0	95.1	95.6	95.8	96.0	96.3	96.4
GE 900					67.3	75.3	83.5	87.0	90.9	93.3	94.3	95.4	95.9	96.0	96.3	96.5	96.6
GE 800					67.3	75.3	83.5	87.0	91.1	93.5	94.5	95.6	96.1	96.3	96.5	96.8	96.9
GE 700					67.4	75.4	83.9	87.4	91.9	94.4	95.4	96.5	97.0	97.1	97.4	97.6	97.8
GE 600					67.4	75.4	84.1	87.8	92.6	95.4	96.4	97.6	98.1	98.3	98.5	98.8	98.9
GE 500					67.4	75.4	84.1	87.8	92.8	95.8	96.8	98.0	98.5	98.6	98.9	99.1	99.3
GE 400					67.4	75.4	84.1	87.8	92.8	95.8	96.9	98.1	98.6	98.8	99.0	99.3	99.4
GE 300					67.4	75.4	84.1	87.8	92.8	95.8	97.0	98.3	98.8	98.9	99.1	99.4	99.5
GE 200					67.4	75.4	84.1	87.8	92.8	95.8	97.0	98.3	98.8	98.9	99.1	99.4	99.5
GE 100					67.4	75.4	84.1	87.8	92.8	95.8	97.0	98.3	98.8	98.9	99.1	99.4	99.5
GE 0					67.4	75.4	84.1	87.8	92.8	95.8	97.0	98.3	98.8	98.9	99.1	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS: 430

REGIONAL CLIMATE DATA BRANCH  
WAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET	GE 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE J		
NO CELL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000					37.0	43.5	50.6	54.0	57.9	60.7	62.3	64.1	65.7	66.8	67.0	68.0	68.3	69.9
GE 4500					38.0	44.5	51.9	55.1	59.1	61.9	63.4	65.2	66.9	67.9	68.2	69.2	69.4	71.1
GE 4000					38.9	45.5	51.3	56.9	61.0	63.8	65.3	67.1	68.8	69.8	70.1	71.1	71.4	73.0
GE 3500					40.2	47.1	55.0	58.7	62.8	65.6	67.1	68.9	70.6	71.6	71.9	72.9	73.1	74.8
GE 3000					41.6	48.5	56.5	60.4	64.5	67.4	69.2	71.1	72.8	73.8	74.0	75.1	75.3	77.0
GE 2500																		
GE 2000					43.2	50.5	59.8	62.5	66.6	69.6	71.4	73.3	74.9	76.0	76.2	77.2	77.5	79.2
GE 1800					44.6	52.3	61.0	64.7	69.2	72.1	73.9	76.1	77.7	78.8	79.0	80.1	80.3	82.0
GE 1600					45.5	53.5	62.0	66.1	70.7	73.7	75.4	77.6	79.3	80.3	80.6	81.6	81.8	83.5
GE 1400					47.2	55.2	64.6	68.7	73.5	76.6	78.4	80.6	82.4	83.4	83.6	84.7	84.9	86.6
GE 1200					49.2	58.1	68.0	72.9	78.0	81.2	83.0	85.3	87.1	88.1	88.4	89.4	89.6	91.3
GE 1000																		
GE 900					50.0	58.5	69.2	74.4	79.8	83.1	85.0	87.3	89.1	90.3	90.5	91.6	91.8	93.5
GE 800					50.1	59.1	69.7	74.9	80.6	84.0	85.9	88.2	90.0	91.2	91.4	92.5	92.7	94.4
GE 700					50.3	59.3	70.3	75.7	81.3	85.3	87.3	89.6	91.4	92.6	92.8	93.9	94.1	95.8
GE 600					50.4	59.7	70.7	76.6	82.2	86.3	88.5	90.9	92.7	93.9	94.1	95.1	95.4	97.1
GE 500					50.4	59.7	70.7	76.9	82.5	86.8	89.3	91.7	93.5	94.6	94.9	95.9	96.2	97.8
GE 400																		
GE 300					50.4	59.7	70.7	77.0	82.6	87.0	89.6	92.2	94.0	95.1	95.7	96.7	96.9	98.7
GE 200					50.4	59.7	70.7	77.0	82.6	87.3	90.0	92.6	94.6	95.8	96.3	97.4	97.7	99.6
GE 100					50.4	59.7	70.7	77.0	82.6	87.3	90.0	92.6	94.6	95.8	96.4	97.6	97.8	100.0
GE 0					50.4	59.7	70.7	77.0	82.6	87.3	90.0	92.6	94.6	95.8	96.4	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 752

GENERAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 065500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
 MONTH: JUL HOURS(IST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS																
FEET	IN	GE 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000																		
GE 4500																		
GE 4000																		
GE 3500																		
GE 3000																		
GE 2500																		
GE 2000																		
GE 1800																		
GE 1600																		
GE 1400																		
GE 1200																		
GE 1000																		
GE 900																		
GE 800																		
GE 700																		
GE 600																		
GE 500																		
GE 400																		
GE 300																		
GE 200																		
GE 100																		
GE 0																		

TOTAL NUMBER OF OBSERVATIONS: 778



AD-A159 863

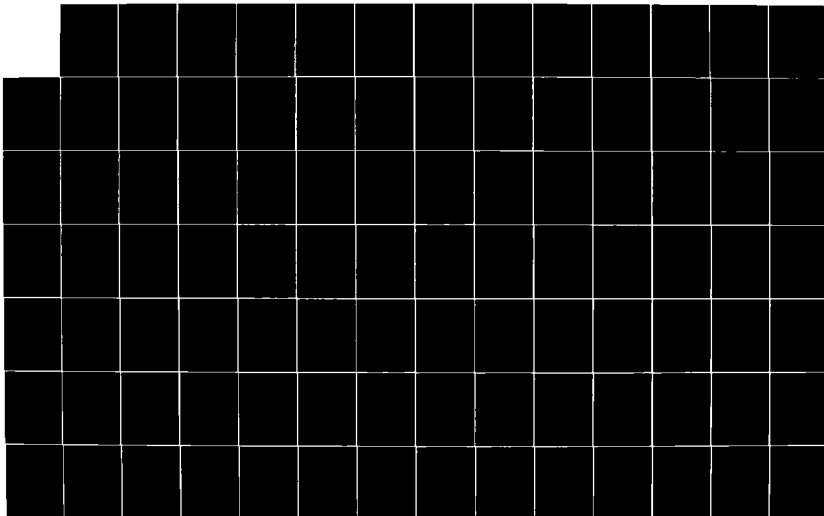
LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY 'LISOCs'  
GILZE-RIJEN NETHERLANDS(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A... 05 AUG 85  
USAFETAC/DS-85/042

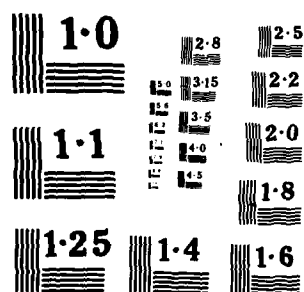
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 0900-1100

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 775

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
.....																	
GE 5000			52.6	57.5	63.3	63.8	65.3	65.7	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500			54.1	59.2	65.1	65.6	67.1	67.5	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4000			57.7	63.1	69.1	69.6	71.2	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500			61.0	66.5	72.6	73.1	74.6	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000			64.3	70.3	76.5	77.0	78.6	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
.....																	
GE 2500			69.5	76.3	82.8	83.4	85.1	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000			74.1	81.4	89.4	90.1	91.8	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800			74.4	81.6	89.9	90.9	92.7	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500			75.1	83.3	91.5	92.5	94.6	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200			75.6	83.7	92.5	93.6	96.0	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
.....																	
GE 1000			75.6	83.8	93.2	94.4	97.1	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900			75.8	83.9	93.4	94.6	97.4	98.2	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800			75.8	83.9	93.4	94.6	97.7	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700			75.8	83.9	93.4	94.6	97.7	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600			75.9	84.1	93.6	94.9	98.0	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.....																	
GE 500			75.9	84.1	93.6	95.0	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			75.9	84.1	93.6	95.0	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			75.9	84.1	93.6	95.0	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			75.9	84.1	93.6	95.0	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			75.9	84.1	93.6	95.0	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....																	
GE 0			75.9	84.1	93.6	95.0	98.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....																	

TOTAL NUMBER OF OBSERVATIONS: 784

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS													
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			64.8	71.5	76.8	77.8	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500			65.5	72.3	77.7	78.9	79.7	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3
GE 4000			68.2	75.3	80.7	81.9	82.7	83.2	83.2	83.2	83.2	83.2	83.3	83.5	83.5
GE 3500			71.1	78.7	84.3	85.4	86.2	86.7	86.7	86.7	86.7	86.7	86.9	87.0	87.0
GE 3000			74.1	82.4	88.2	89.4	90.2	90.7	90.8	90.8	90.8	90.8	90.9	91.1	91.1
GE 2500			76.2	85.3	90.8	92.1	92.9	93.4	93.7	93.7	93.7	93.7	93.8	94.0	94.0
GE 2000			77.4	86.5	92.3	93.6	94.5	95.1	95.4	95.4	95.4	95.4	95.5	95.7	95.7
GE 1800			78.1	87.3	93.0	94.4	95.3	95.9	96.2	96.2	96.2	96.2	96.3	96.5	96.5
GE 1500			78.6	87.9	94.0	95.3	96.2	96.9	97.1	97.1	97.1	97.1	97.2	97.4	97.4
GE 1200			79.0	88.3	94.8	96.1	97.0	97.8	98.0	98.0	98.0	98.0	98.2	98.3	98.3
GE 1000			79.0	88.3	94.8	96.1	97.0	97.9	98.2	98.2	98.2	98.2	98.3	98.4	98.4
GE 900			79.0	88.3	94.8	96.1	97.0	97.9	98.2	98.2	98.2	98.2	98.3	98.4	98.4
GE 800			79.0	88.3	94.8	96.3	97.5	98.4	98.7	98.7	98.7	98.7	98.8	99.0	99.0
GE 700			79.1	88.5	94.9	96.5	97.6	98.6	98.8	98.8	98.8	98.8	99.0	99.1	99.1
GE 600			79.1	88.5	94.9	96.5	97.6	98.6	98.8	98.8	98.8	98.8	99.0	99.1	99.1
GE 500			79.1	88.5	94.9	96.5	97.6	99.1	99.3	99.3	99.3	99.3	99.5	99.6	99.6
GE 400			79.3	88.6	95.0	96.6	97.8	99.3	99.7	99.7	99.7	99.7	99.9	100.0	100.0
GE 300			79.3	88.6	95.0	96.6	97.8	99.3	99.7	99.7	99.7	99.7	99.9	100.0	100.0
GE 200			79.3	88.6	95.0	96.6	97.8	99.3	99.7	99.7	99.7	99.7	99.9	100.0	100.0
GE 100			79.3	88.6	95.0	96.6	97.8	99.3	99.7	99.7	99.7	99.7	99.9	100.0	100.0
GE 0			79.3	88.6	95.0	96.6	97.8	99.3	99.7	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 762

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
.....																	
GE 5000			74.7	79.1	83.0	84.3	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500			75.8	80.4	84.4	85.7	87.0	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000			77.9	82.7	87.0	88.4	89.7	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500			79.5	84.4	89.0	90.4	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000			80.3	85.3	89.9	91.4	92.7	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
.....																	
GE 2500			81.2	86.2	90.8	92.3	93.6	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000			81.9	87.0	91.7	93.2	94.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800			82.2	87.3	92.1	93.6	95.1	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500			83.1	88.4	93.6	95.2	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200			83.8	89.2	94.5	96.1	97.5	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
.....																	
GE 1000			83.8	89.4	94.7	96.2	97.7	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900			83.8	89.4	94.7	96.2	97.7	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800			83.8	89.4	94.7	96.2	97.7	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700			83.8	89.4	94.7	96.2	97.7	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600			83.9	89.5	94.8	96.4	98.1	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.....																	
GE 500			83.9	89.5	94.8	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			83.9	89.5	94.8	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			83.9	89.5	94.8	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			83.9	89.5	94.8	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			83.9	89.5	94.8	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....																	
GE 0			83.9	89.5	94.8	96.4	98.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....																	

TOTAL NUMBER OF OBSERVATIONS: 770

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000		63.1	70.4	76.1	78.4	80.3	82.0	82.5	83.0	83.1	83.1	83.1	83.4	83.4	83.4
GE 4500		64.8	72.5	78.5	80.8	82.6	84.5	85.0	85.5	85.6	85.6	85.6	85.9	85.9	85.9
GE 4000		66.1	74.1	80.5	82.8	84.6	86.5	87.0	87.6	87.8	87.8	87.8	88.0	88.0	88.0
GE 3500		67.0	75.1	81.8	84.0	85.9	87.9	88.4	89.0	89.1	89.1	89.1	89.4	89.4	89.4
GE 3000		68.1	76.3	83.0	85.3	87.3	89.3	89.9	90.5	90.6	90.6	90.6	90.9	90.9	90.9
GE 2500			70.0	78.1	84.9	87.3	89.3	91.3	92.0	92.6	92.8	92.8	92.8	93.0	93.0
GE 2000			71.4	79.6	86.4	88.8	90.9	92.9	93.9	94.6	94.8	94.8	94.8	95.0	95.0
GE 1800			71.4	79.6	86.4	88.8	90.9	92.9	93.9	94.6	94.8	94.8	94.8	95.0	95.0
GE 1500			71.9	80.1	86.9	89.4	92.0	94.1	95.1	96.0	96.1	96.1	96.1	96.4	96.4
GE 1200			72.5	81.3	87.9	90.4	93.3	95.5	96.5	97.4	97.5	97.5	97.5	97.8	97.8
GE 1000			72.5	81.3	87.9	90.5	93.5	96.0	97.0	97.9	98.0	98.0	98.0	98.3	98.3
GE 900			72.5	81.1	88.0	90.6	93.8	96.3	97.3	98.1	98.3	98.3	98.3	98.5	98.5
GE 800			72.5	81.1	88.0	90.6	93.9	96.5	97.5	98.4	98.5	98.5	98.5	98.8	98.8
GE 700			72.5	81.1	88.1	90.8	94.0	96.8	97.8	98.6	98.8	98.8	98.8	99.0	99.0
GE 600			72.5	81.1	88.1	90.8	94.3	97.0	98.0	98.9	99.0	99.0	99.0	99.3	99.3
GE 500			72.5	81.1	88.1	90.8	94.3	97.4	98.5	99.4	99.5	99.5	99.5	99.8	99.8
GE 400			72.5	81.1	88.1	90.8	94.3	97.5	98.6	99.5	99.6	99.6	99.6	99.9	99.9
GE 300			72.5	81.1	88.1	90.8	94.3	97.6	98.8	99.6	99.8	99.8	99.8	100.0	100.0
GE 200			72.5	81.1	88.1	90.8	94.3	97.6	98.8	99.6	99.8	99.8	99.8	100.0	100.0
GE 100			72.5	81.1	88.1	90.8	94.3	97.6	98.8	99.6	99.8	99.8	99.8	100.0	100.0
GE nil			72.5	81.1	88.1	90.8	94.3	97.6	98.8	99.6	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 400

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: JUL HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 01																

TOTAL NUMBER OF OBSERVATIONS: 6251



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		52.0	58.6	67.0	71.5	74.5	77.0	79.9	81.1	82.2	83.2	83.4	83.8	84.0	84.9	
GE 4500		52.7	59.4	67.7	72.2	75.2	77.8	80.7	81.9	83.0	83.9	84.2	84.5	84.8	85.6	
GE 4000		53.6	60.2	68.6	73.0	76.2	78.7	81.6	82.8	83.9	84.9	85.1	85.5	85.7	86.6	
GE 3500		54.3	61.1	69.4	74.0	77.3	79.8	82.7	83.9	85.0	86.0	86.2	86.6	86.8	87.7	
GE 3000		56.2	63.1	71.6	76.3	79.7	82.2	85.1	86.3	87.4	88.4	88.6	89.0	89.2	90.1	
GE 2500		56.8	63.8	72.3	77.0	80.4	83.2	86.1	87.3	88.4	89.4	89.6	90.0	90.2	91.1	
GE 2000		57.1	64.2	72.7	77.5	80.9	84.0	86.9	88.1	89.4	90.4	90.7	91.1	91.3	92.1	
GE 1800		57.2	64.4	73.0	77.9	81.3	84.4	87.3	88.5	89.7	90.8	91.1	91.4	91.7	92.5	
GE 1500		57.8	65.1	73.6	78.5	81.9	85.1	88.0	89.2	90.4	91.5	91.8	92.1	92.4	93.2	
GE 1200		58.0	65.3	74.4	79.2	82.7	86.1	89.0	90.2	91.4	92.5	92.7	93.1	93.3	94.2	
GE 1000		58.2	65.7	75.0	79.8	83.6	86.9	89.8	91.1	92.3	93.3	93.6	94.0	94.2	95.0	
GE 900		58.2	65.9	75.3	80.2	83.9	87.4	90.3	91.5	92.7	93.8	94.1	94.4	94.7	95.5	
GE 800		58.4	66.1	75.7	80.5	84.4	88.0	91.3	92.6	94.0	95.0	95.3	95.6	95.9	96.7	
GE 700		58.4	66.3	75.8	80.8	84.6	88.5	91.8	93.1	94.4	95.5	95.8	96.1	96.4	97.2	
GE 600		58.5	66.4	76.1	81.0	85.0	88.9	92.1	93.5	94.8	95.9	96.1	96.5	96.7	97.6	
GE 500		58.6	66.5	76.2	81.1	85.2	89.2	92.5	94.2	95.5	96.6	96.9	97.2	97.5	98.3	
GE 400		58.6	66.5	76.2	81.1	85.4	89.4	92.7	94.4	95.8	96.9	97.1	97.5	97.7	98.5	
GE 300		58.6	66.5	76.2	81.1	85.5	90.0	93.3	95.2	96.5	97.6	97.8	98.2	98.4	99.3	
GE 200		58.6	66.5	76.2	81.1	85.5	90.2	93.6	95.4	96.7	97.8	98.1	98.5	98.9	99.9	
GE 100		58.6	66.5	76.2	81.1	85.5	90.2	93.6	95.4	96.7	97.8	98.1	98.5	98.9	100.0	
GE 0		58.6	66.5	76.2	81.1	85.5	90.2	93.6	95.4	96.7	97.8	98.1	98.5	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			35.7	42.4	50.4	54.2	57.3	61.2	63.9	67.4	70.1	70.9	72.3	74.5	75.1	76.9	
GE 4500			36.1	43.1	51.4	55.2	58.2	62.1	64.8	68.4	71.1	71.9	73.3	75.5	76.1	77.9	
GE 4000			37.9	44.9	53.4	57.1	60.2	64.1	66.9	70.5	73.1	74.0	75.3	77.5	78.1	80.0	
GE 3500			39.1	46.3	54.9	58.7	61.8	65.7	68.5	72.0	74.7	75.6	76.9	79.1	79.7	81.6	
GE 3000			40.7	47.9	56.8	60.6	63.6	67.5	70.3	73.9	76.6	77.4	78.8	81.0	81.6	83.5	
GE 2500			41.1	48.4	57.5	61.4	64.8	68.9	71.7	75.2	77.9	78.8	80.1	82.3	82.9	84.9	
GE 2000			41.6	49.0	58.1	62.0	65.6	69.8	72.6	76.2	78.9	79.7	81.1	83.3	83.9	85.8	
GE 1800			41.9	49.3	58.6	62.5	66.1	70.3	73.3	76.8	79.5	80.3	81.7	83.9	84.5	86.4	
GE 1500			42.5	50.1	59.5	63.5	67.2	71.4	74.4	78.0	80.7	81.6	82.9	85.1	85.7	87.7	
GE 1200			43.6	51.3	60.9	65.2	69.5	73.9	76.9	80.6	83.4	84.2	85.6	87.9	88.5	90.5	
GE 1000			43.8	51.6	61.4	65.7	70.2	74.6	77.7	81.3	84.1	85.1	86.4	88.8	89.4	91.3	
GE 900			43.8	51.8	61.5	65.8	70.3	75.0	78.0	81.8	84.6	85.6	86.9	89.3	89.9	91.6	
GE 800			44.0	52.1	62.0	66.3	70.8	75.5	78.5	82.3	85.2	86.2	87.5	89.9	90.5	92.4	
GE 700			44.2	52.5	62.4	66.8	71.3	76.1	79.2	83.0	86.0	86.9	88.4	91.0	91.6	93.5	
GE 600			44.2	52.6	62.5	66.9	71.4	76.3	79.6	83.6	86.7	87.7	89.1	91.8	92.4	94.4	
GE 500			44.3	52.9	63.0	67.4	72.2	77.8	81.3	85.5	88.5	89.5	91.0	93.7	94.3	96.3	
GE 400			44.3	52.9	63.0	67.5	72.4	78.4	82.2	86.6	89.9	90.8	92.3	95.0	95.6	97.7	
GE 300			44.3	52.9	63.0	67.5	72.5	78.8	82.5	87.1	90.4	91.5	92.9	95.6	96.2	98.3	
GE 200			44.3	52.9	63.0	67.5	72.5	78.8	82.5	87.1	90.5	91.6	93.2	96.2	96.8	98.9	
GE 100			44.3	52.9	63.0	67.5	72.5	78.8	82.5	87.1	90.5	91.6	93.3	96.3	96.9	99.6	
GE 01			44.3	52.9	63.0	67.5	72.5	78.8	82.5	87.1	90.5	91.6	93.3	96.3	96.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			27.9	34.4	40.7	43.8	49.0	53.7	57.2	61.2	63.3	65.4	67.4	69.6	70.1	73.0	
GE 4500			28.7	35.3	41.7	44.8	50.2	54.9	58.4	62.4	64.5	66.7	68.8	70.9	71.4	74.3	
GE 4000			30.0	37.1	43.5	46.6	52.0	56.7	60.2	64.3	66.6	68.8	70.8	73.0	73.4	76.3	
GE 3500			31.1	38.5	45.0	48.2	53.7	58.4	61.9	66.0	68.3	70.4	72.5	74.6	75.1	78.0	
GE 3000			32.7	40.3	46.9	50.1	55.8	60.6	64.2	68.3	70.6	72.7	74.8	76.9	77.4	80.3	
GE 2500			33.2	40.5	47.4	50.7	56.4	61.3	65.1	69.2	71.5	73.7	75.7	77.9	78.4	81.3	
GE 2000			33.5	40.9	47.8	51.2	57.0	62.3	66.1	70.2	72.5	74.8	76.8	79.0	79.4	82.3	
GE 1800			34.0	41.3	48.3	51.7	57.5	62.9	66.8	70.9	73.2	75.5	77.5	79.8	80.3	83.2	
GE 1500			35.0	42.5	49.6	53.1	59.1	64.5	68.5	72.6	75.0	77.3	79.3	81.6	82.1	85.0	
GE 1200			35.6	43.5	51.0	54.4	60.7	66.5	70.4	74.9	77.3	79.6	81.6	83.9	84.5	87.4	
GE 1000			35.9	43.9	51.4	54.9	61.3	67.2	71.3	76.0	78.4	80.6	82.8	85.2	85.8	88.7	
GE 900			35.9	43.9	51.4	55.0	61.5	67.5	71.6	76.3	78.8	81.3	83.4	85.8	86.4	89.3	
GE 800			36.2	44.2	51.9	55.6	62.3	68.4	72.7	77.4	79.9	82.3	84.5	87.0	87.6	90.5	
GE 700			36.2	44.2	51.9	55.8	62.4	69.2	73.8	78.7	81.4	83.8	86.1	88.8	89.4	92.3	
GE 600			36.2	44.5	52.3	56.1	62.9	69.8	74.5	79.6	82.5	84.9	87.4	90.1	90.7	93.6	
GE 500			36.2	44.5	52.3	56.1	62.9	70.6	75.6	80.9	83.9	86.5	89.2	91.9	92.5	95.4	
GE 400			36.2	44.5	52.3	56.1	62.9	70.7	75.7	81.5	84.5	87.3	90.3	93.3	94.0	96.9	
GE 300			36.2	44.5	52.3	56.1	62.9	70.7	76.0	81.7	84.9	87.6	91.0	94.2	95.0	98.0	
GE 200			36.2	44.5	52.3	56.1	62.9	70.7	76.0	81.7	84.9	87.6	91.0	94.6	95.4	98.8	
GE 100			36.2	44.5	52.3	56.1	62.9	70.7	76.0	81.7	84.9	87.6	91.0	94.7	95.7	99.4	
GE 0			36.2	44.5	52.3	56.1	62.9	70.7	76.0	81.7	84.9	87.6	91.0	94.7	95.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1500																	
GE 1400																	
GE 1300																	
GE 1200																	
GE 1100																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				48.1	55.3	63.5	65.5	67.3	68.1	68.2	68.6	68.6	68.7	68.8	69.1	69.1	69.1
GE 4500				50.1	57.8	66.2	68.3	70.2	71.0	71.1	71.5	71.5	71.6	71.7	72.0	72.0	72.0
GE 4000				53.2	61.1	70.0	72.1	74.1	74.8	75.0	75.3	75.3	75.5	75.6	75.8	75.8	75.8
GE 3500				56.2	64.3	73.3	75.5	77.5	78.2	78.3	78.7	78.7	78.8	79.0	79.2	79.2	79.2
GE 3000				60.1	68.3	77.6	80.1	82.1	82.9	83.0	83.4	83.4	83.5	83.6	83.9	83.9	83.9
GE 2500				64.0	72.8	82.4	85.0	87.2	88.0	88.1	88.5	88.5	88.6	88.7	89.0	89.0	89.0
GE 2000				65.3	74.6	85.1	87.9	90.1	90.9	91.0	91.4	91.4	91.5	91.6	91.9	91.9	91.9
GE 1800				65.8	75.1	85.6	88.5	90.9	91.7	91.9	92.2	92.2	92.4	92.5	92.7	92.7	92.7
GE 1500				67.0	76.5	87.2	90.2	93.1	94.0	94.1	94.5	94.5	94.6	94.7	95.0	95.0	95.0
GE 1200				68.2	78.3	89.1	92.2	95.1	96.1	96.4	97.0	97.0	97.1	97.2	97.5	97.5	97.5
GE 1000				68.2	78.3	89.1	92.2	95.1	96.2	96.6	97.4	97.4	97.5	97.6	97.9	97.9	97.9
GE 900				68.3	78.1	89.2	92.4	95.4	96.5	97.0	97.7	97.7	97.9	98.0	98.2	98.2	98.2
GE 800				68.5	78.3	89.5	92.6	95.6	97.0	97.5	98.4	98.4	98.5	98.6	98.9	98.9	98.9
GE 700				68.5	78.3	89.5	92.7	96.0	97.5	98.1	99.0	99.0	99.1	99.2	99.5	99.5	99.5
GE 600				68.5	78.3	89.5	92.7	96.0	97.5	98.1	99.1	99.2	99.4	99.5	99.7	99.7	99.7
GE 500				68.5	78.3	89.5	92.7	96.1	97.6	98.2	99.2	99.4	99.5	99.6	99.9	99.9	99.9
GE 400				68.5	78.3	89.5	92.7	96.1	97.6	98.2	99.2	99.4	99.5	99.6	99.9	99.9	99.9
GE 300				68.5	78.3	89.5	92.7	96.1	97.6	98.2	99.2	99.4	99.5	99.7	100.0	100.0	100.0
GE 200				68.5	78.3	89.5	92.7	96.1	97.6	98.2	99.2	99.4	99.5	99.7	100.0	100.0	100.0
GE 100				68.5	78.3	89.5	92.7	96.1	97.6	98.2	99.2	99.4	99.5	99.7	100.0	100.0	100.0
GE 0				68.5	78.3	89.5	92.7	96.1	97.6	98.2	99.2	99.4	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	GY	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
.....																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
.....																
GE 5000			60.8	69.4	74.8	76.3	77.7	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4500			62.8	71.6	77.3	78.9	80.4	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000			65.4	74.5	80.5	82.2	83.6	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500			67.3	76.6	82.9	84.5	86.0	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000			70.3	79.7	86.1	87.7	89.3	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
.....																
GE 2500			72.5	82.4	89.1	90.7	92.4	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000			73.6	83.9	90.7	92.3	94.2	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800			74.1	84.5	91.4	93.1	95.0	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500			74.6	85.1	92.1	93.9	96.0	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200			74.8	85.5	92.4	94.3	96.4	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
.....																
GE 1000			75.2	86.3	92.9	94.8	96.9	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900			75.3	86.1	93.1	94.9	97.0	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800			75.3	86.1	93.1	95.0	97.1	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700			75.3	86.1	93.1	95.0	97.1	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600			75.3	86.1	93.1	95.0	97.1	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.....																
GE 500			75.3	86.1	93.1	95.0	97.1	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400			75.3	86.1	93.1	95.0	97.1	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			75.3	86.1	93.1	95.0	97.1	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			75.3	86.1	93.1	95.0	97.1	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			75.3	86.1	93.1	95.0	97.1	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.....																
GE 0			75.3	86.1	93.1	95.0	97.1	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.....																

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE	20000															
GE	18000															
GE	16000															
GE	14000															
GE	12000															
GE	10000															
GE	9000															
GE	8000															
GE	7000															
GE	6000															
GE	5000		35.0	42.3	49.6	52.3	54.6	58.0	59.5	61.9	62.7	63.3	64.4	65.8	66.1	69.2
GE	4500		36.0	43.6	51.1	53.7	56.1	59.5	61.1	63.5	64.3	64.9	66.0	67.5	67.7	70.8
GE	4000		37.4	45.4	52.9	55.5	57.9	61.3	62.9	65.2	66.1	66.7	67.7	69.3	69.5	72.6
GE	3500		39.3	47.3	55.2	57.9	60.6	64.0	65.6	68.1	69.0	69.6	70.7	72.3	72.5	75.6
GE	3000		40.4	49.4	57.7	60.4	63.2	66.7	68.2	70.8	71.8	72.4	73.6	75.1	75.4	78.5
GE	2500		41.3	50.5	59.0	61.8	64.9	68.5	70.2	73.0	73.9	74.5	75.7	77.3	77.5	80.6
GE	2000		42.0	51.3	59.9	62.6	65.8	69.5	71.3	74.2	75.1	75.7	76.9	78.5	78.7	81.8
GE	1800		42.4	51.9	60.6	63.3	66.5	70.2	72.0	74.9	75.8	76.5	77.7	79.3	79.5	82.4
GE	1500		43.2	53.1	61.9	64.6	68.2	71.9	73.7	76.5	77.5	78.2	79.4	81.0	81.2	84.3
GE	1200		44.2	54.5	63.9	66.7	70.2	74.0	75.8	78.9	80.0	80.7	81.9	83.5	83.7	86.8
GE	1000		44.9	56.2	66.0	68.7	72.4	76.5	78.3	81.5	82.7	83.5	84.6	86.2	86.4	89.5
GE	900		45.0	56.4	66.3	69.0	72.9	77.1	79.0	82.3	83.5	84.2	85.4	86.9	87.1	90.2
GE	800		45.1	56.9	67.3	70.0	73.9	78.9	80.8	84.0	85.4	86.1	87.3	88.8	89.0	92.1
GE	700		45.2	57.3	67.6	70.4	74.5	79.9	81.9	85.2	86.7	87.4	88.6	90.1	90.4	93.5
GE	600		45.2	57.3	67.9	70.6	75.0	80.7	83.0	86.4	87.9	88.6	89.8	91.3	91.5	94.6
GE	500		45.2	57.4	68.0	70.7	75.5	82.6	85.0	88.8	90.6	91.4	92.9	94.4	94.6	97.7
GE	400		45.2	57.4	68.0	70.7	75.6	82.9	85.2	89.0	90.8	91.7	93.1	94.6	94.9	98.0
GE	300		45.2	57.4	68.0	70.7	75.6	83.0	85.4	89.2	91.1	92.1	93.6	95.4	95.6	98.7
GE	200		45.2	57.4	68.0	70.7	75.6	83.0	85.5	89.4	91.3	92.4	93.8	95.6	95.8	99.0
GE	100		45.2	57.4	68.0	70.7	75.6	83.0	85.5	89.4	91.3	92.4	94.0	96.0	96.2	99.8
GE	PI		45.2	57.4	68.0	70.7	75.6	83.0	85.5	89.4	91.3	92.4	94.0	96.0	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			42.8	49.7	55.6	58.5	62.0	65.2	67.5	69.5	70.4	70.9	71.5	72.1	72.4	73.6
GE 4500			43.8	50.8	56.8	59.8	63.5	66.8	69.1	71.1	72.0	72.5	73.2	73.8	74.1	75.3
GE 4000			45.2	52.4	58.5	61.5	65.2	68.7	71.0	73.1	74.0	74.5	75.2	75.8	76.1	77.3
GE 3500			46.5	53.8	60.0	63.0	66.7	70.3	72.6	74.7	75.6	76.2	76.8	77.5	77.8	79.0
GE 3000			48.4	55.9	62.2	65.3	69.1	72.7	75.2	77.3	78.2	78.8	79.4	80.1	80.4	81.6
GE 2500			50.3	58.1	64.6	67.8	71.7	75.5	78.0	80.1	81.1	81.7	82.3	83.0	83.3	84.5
GE 2000			51.7	59.7	66.8	70.1	74.2	78.2	80.6	82.8	83.8	84.4	85.1	85.7	86.0	87.2
GE 1800			52.3	60.5	67.7	71.0	75.2	79.2	81.7	83.9	84.9	85.5	86.2	86.8	87.1	88.3
GE 1500			53.2	61.7	69.2	72.7	77.1	81.1	83.7	86.0	87.0	87.6	88.3	88.9	89.2	90.4
GE 1200			53.8	62.7	70.5	74.3	79.1	83.4	86.0	88.3	89.4	90.0	90.7	91.3	91.6	92.8
GE 1000			54.1	63.2	71.1	75.0	80.1	84.5	87.3	89.6	90.7	91.3	92.0	92.7	93.0	94.2
GE 900			54.1	63.3	71.4	75.2	80.5	84.9	87.7	90.1	91.2	91.8	92.5	93.2	93.4	94.6
GE 800			54.1	63.4	71.5	75.5	80.9	85.5	88.4	90.9	92.0	92.6	93.3	94.0	94.3	95.5
GE 700			54.2	63.6	71.7	75.7	81.2	85.9	88.8	91.5	92.7	93.4	94.1	94.8	95.1	96.3
GE 600			54.2	63.6	71.8	75.8	81.3	86.2	89.2	91.9	93.1	93.8	94.6	95.3	95.6	96.8
GE 500			54.2	63.6	71.8	75.8	81.5	86.4	89.5	92.3	93.6	94.4	95.3	96.1	96.4	97.6
GE 400			54.2	63.6	71.8	75.9	81.6	86.6	89.7	92.6	93.9	94.7	95.6	96.5	96.8	98.0
GE 300			54.2	63.6	71.8	75.9	81.6	86.7	89.9	92.8	94.2	95.0	96.0	96.9	97.2	98.5
GE 200			54.2	63.6	71.8	75.9	81.6	86.7	89.9	92.9	94.3	95.1	96.1	97.1	97.5	99.0
GE 100			54.2	63.6	71.8	75.9	81.6	86.7	89.9	92.9	94.3	95.1	96.1	97.2	97.6	99.6
GE nil			54.2	63.6	71.8	75.9	81.6	86.7	89.9	92.9	94.3	95.1	96.1	97.2	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 6577



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1800-2000

CEILING	VISIBILITY IN HUNDREDS OF METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		59.3	65.5	70.3	71.9	74.6	77.7	78.9	80.9	81.4	81.9	82.4	83.0	83.1	83.1	
GE 4500		59.9	66.1	71.1	72.9	76.1	79.1	80.4	82.5	83.0	83.5	83.9	84.5	84.7	84.7	
GE 4000		61.6	68.3	73.1	74.9	78.1	81.2	82.5	84.7	85.1	85.6	86.1	86.7	86.8	86.8	
GE 3500		62.4	69.3	74.0	75.8	79.1	82.2	83.6	85.7	86.2	86.7	87.2	87.8	87.9	87.9	
GE 3000		63.8	70.5	75.7	77.5	80.9	84.1	85.4	87.6	88.2	88.6	89.1	89.7	89.9	89.9	
GE 2500		65.1	72.5	77.8	79.6	83.1	86.5	87.8	90.0	90.6	91.1	91.5	92.1	92.3	92.3	
GE 2000		66.2	73.8	79.6	81.5	85.0	88.5	89.9	92.0	92.6	93.1	93.6	94.2	94.3	94.3	
GE 1800		66.5	74.3	80.1	82.0	85.6	89.1	90.5	92.6	93.2	93.7	94.2	94.8	94.9	94.9	
GE 1500		67.0	75.3	80.8	82.9	86.6	90.1	91.4	93.7	94.3	94.8	95.3	95.9	96.0	96.0	
GE 1200		67.5	75.7	82.0	84.2	88.2	91.7	93.0	95.3	95.9	96.4	96.9	97.5	97.6	97.6	
GE 1000		67.6	76.3	82.2	84.5	88.5	92.1	93.6	95.9	96.5	97.0	97.5	98.1	98.2	98.2	
GE 900		67.6	76.3	82.2	84.5	88.5	92.1	93.6	95.9	96.5	97.0	97.5	98.1	98.2	98.2	
GE 800		67.6	76.3	82.4	84.7	88.6	92.6	94.2	96.6	97.2	97.7	98.2	98.8	98.9	98.9	
GE 700		67.6	76.1	82.5	84.9	89.0	93.0	94.7	97.2	97.8	98.3	98.8	99.4	99.5	99.5	
GE 600		67.6	76.1	82.5	84.9	89.1	93.1	94.8	97.3	97.9	98.4	98.9	99.5	99.6	99.6	
GE 500		67.6	76.1	82.5	84.9	89.1	93.4	95.0	97.6	98.2	98.7	99.2	99.8	99.9	99.9	
GE 400		67.6	76.1	82.5	84.9	89.3	93.5	95.2	97.7	98.3	98.8	99.3	99.9	100.0	100.0	
GE 300		67.6	76.1	82.5	84.9	89.3	93.5	95.2	97.7	98.3	98.8	99.3	99.9	100.0	100.0	
GE 200		67.6	76.1	82.5	84.9	89.3	93.5	95.2	97.7	98.3	98.8	99.3	99.9	100.0	100.0	
GE 100		67.6	76.1	82.5	84.9	89.3	93.5	95.2	97.7	98.3	98.8	99.3	99.9	100.0	100.0	
GE 0		67.6	76.1	82.5	84.9	89.3	93.5	95.2	97.7	98.3	98.8	99.3	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			58.2	63.6	68.1	70.3	72.1	73.1	73.8	75.4	75.9	76.0	76.0	76.0	76.0	76.0
GE 4500			59.5	65.2	69.7	71.9	73.7	74.7	75.4	77.0	77.5	77.6	77.6	77.6	77.6	77.6
GE 4000			60.6	67.0	71.5	73.7	75.5	76.5	77.4	79.0	79.7	79.8	79.8	79.8	79.8	79.8
GE 3500			62.2	68.7	73.4	75.5	77.4	78.3	79.2	80.8	81.5	81.6	81.6	81.6	81.6	81.6
GE 3000			64.2	70.8	75.8	78.0	79.8	80.8	81.8	83.3	84.1	84.2	84.2	84.2	84.2	84.2
GE 2500			67.9	75.1	80.4	83.0	85.2	86.5	87.5	89.1	89.8	89.9	89.9	89.9	89.9	89.9
GE 2000			69.0	76.5	82.7	85.5	87.8	89.4	90.4	92.0	92.7	92.8	92.8	92.8	92.8	92.8
GE 1800			69.3	77.3	83.5	86.4	88.8	90.4	91.4	92.9	93.7	93.8	93.8	93.8	93.8	93.8
GE 1500			69.7	78.1	84.4	87.3	89.8	91.5	92.5	94.2	94.9	95.0	95.0	95.0	95.0	95.0
GE 1200			69.8	78.2	85.2	88.3	91.2	93.2	94.4	96.2	97.0	97.1	97.1	97.1	97.1	97.1
GE 1000			70.1	78.7	85.8	88.9	92.2	94.3	95.5	97.3	98.1	98.2	98.2	98.2	98.2	98.2
GE 900			70.1	78.7	85.8	89.1	92.3	94.4	95.6	97.4	98.2	98.3	98.3	98.3	98.3	98.3
GE 800			70.1	78.7	85.8	89.1	92.8	95.0	96.2	98.1	98.8	98.9	98.9	98.9	98.9	98.9
GE 700			70.1	78.7	85.8	89.1	92.8	95.1	96.4	98.2	98.9	99.0	99.0	99.0	99.0	99.0
GE 600			70.1	78.7	85.8	89.1	92.9	95.3	96.6	98.5	99.3	99.4	99.4	99.4	99.4	99.4
GE 500			70.1	78.7	85.8	89.2	93.2	95.5	97.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8
GE 400			70.1	78.7	85.8	89.2	93.2	95.5	97.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8
GE 300			70.1	78.7	85.8	89.2	93.2	95.5	97.0	98.9	99.6	99.9	100.0	100.0	100.0	100.0
GE 200			70.1	78.7	85.8	89.2	93.2	95.5	97.0	98.9	99.6	99.9	100.0	100.0	100.0	100.0
GE 100			70.1	78.7	85.8	89.2	93.2	95.5	97.0	98.9	99.6	99.9	100.0	100.0	100.0	100.0
GE 0			70.1	78.7	85.8	89.2	93.2	95.5	97.0	98.9	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 822

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000		44.4	49.9	54.2	56.1	58.9	61.0	61.8	62.4	62.9	63.0	63.1	63.1	63.1	63.1
GE 4500		45.6	51.3	55.6	57.5	60.5	62.5	63.3	63.9	64.4	64.5	64.6	64.6	64.6	64.6
GE 4000		47.6	53.3	57.7	59.6	62.6	64.6	65.5	66.1	66.5	66.8	66.9	66.9	66.9	66.9
GE 3500		50.6	56.4	60.8	62.9	65.8	67.9	68.7	69.3	69.8	70.0	70.1	70.1	70.1	70.1
GE 3000		54.9	61.3	65.6	67.6	70.6	72.9	73.7	74.3	74.8	75.0	75.1	75.1	75.1	75.1
GE 2500		58.8	65.3	70.0	72.0	75.1	77.4	78.2	78.8	79.3	79.5	79.6	79.6	79.6	79.6
GE 2000		62.1	68.9	74.8	77.1	81.0	83.3	84.2	84.8	85.4	85.6	85.7	85.7	85.7	85.7
GE 1800		63.5	70.4	76.2	78.8	83.0	85.6	86.4	87.0	87.6	87.9	88.0	88.0	88.0	88.0
GE 1500		64.2	71.1	77.3	80.0	84.6	87.5	88.3	89.0	89.6	89.9	90.0	90.0	90.0	90.0
GE 1200		65.1	72.6	79.8	83.0	88.5	91.9	92.7	93.5	94.0	94.3	94.4	94.4	94.4	94.4
GE 1000		65.2	73.3	80.1	83.5	89.6	93.5	94.3	95.4	96.1	96.3	96.5	96.5	96.5	96.5
GE 900		65.2	73.1	80.2	83.6	89.9	93.8	94.6	95.7	96.5	96.8	97.0	97.0	97.0	97.0
GE 800		65.2	73.2	80.4	83.7	90.2	94.6	95.6	96.8	98.0	98.2	98.6	98.6	98.6	98.6
GE 700		65.4	73.3	80.5	83.8	90.4	94.9	95.8	97.1	98.5	98.7	99.0	99.0	99.0	99.0
GE 600		65.4	73.3	80.5	83.8	90.4	95.0	96.0	97.4	98.8	99.0	99.4	99.4	99.4	99.4
GE 500		65.4	73.3	80.5	83.8	90.5	95.2	96.2	97.6	99.0	99.3	99.6	99.6	99.6	99.6
GE 400		65.4	73.3	80.5	83.8	90.5	95.2	96.2	97.7	99.2	99.4	99.8	99.9	99.9	99.9
GE 300		65.4	73.3	80.5	83.8	90.5	95.2	96.3	97.9	99.3	99.5	99.9	100.0	100.0	100.0
GE 200		65.4	73.3	80.5	83.8	90.5	95.2	96.3	97.9	99.3	99.5	99.9	100.0	100.0	100.0
GE 100		65.4	73.3	80.5	83.8	90.5	95.2	96.3	97.9	99.3	99.5	99.9	100.0	100.0	100.0
GE 0		65.4	73.3	80.5	83.8	90.5	95.2	96.3	97.9	99.3	99.5	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			33.3	39.3	45.6	49.8	55.5	59.5	60.7	61.9	62.4	62.9	63.9	64.0	64.0	64.3
GE 4500			34.4	40.5	46.9	51.2	57.1	61.3	62.7	64.1	64.6	65.1	66.2	66.3	66.3	66.6
GE 4000			35.9	42.3	48.5	52.8	58.8	63.0	64.4	66.0	66.5	67.0	68.1	68.2	68.2	68.4
GE 3500			36.6	42.8	49.4	53.7	59.7	63.9	65.2	66.8	67.3	67.8	68.9	69.0	69.0	69.3
GE 3000			38.9	45.2	52.0	56.3	62.3	66.5	67.8	69.5	70.0	70.5	71.6	71.9	71.9	72.1
GE 2500			41.3	47.5	54.5	58.8	64.9	69.2	70.6	72.4	72.9	73.3	74.4	74.7	74.7	74.9
GE 2000			42.8	49.5	57.2	61.7	67.7	72.2	73.7	75.4	75.9	76.4	77.5	77.8	77.8	78.0
GE 1800			43.6	50.5	58.5	62.9	69.2	73.8	75.3	77.0	77.5	78.0	79.1	79.4	79.4	79.6
GE 1500			44.7	52.5	61.4	66.2	72.9	77.8	79.2	81.0	81.4	81.9	83.0	83.3	83.3	83.5
GE 1200			44.8	52.8	62.3	67.9	75.3	80.6	82.2	84.2	84.8	85.3	86.4	86.6	86.6	86.9
GE 1000			45.2	53.4	63.3	68.9	77.3	82.9	84.6	86.7	87.3	87.8	88.9	89.2	89.2	89.4
GE 900			45.2	53.6	63.8	69.4	77.9	83.5	85.4	87.5	88.1	88.6	89.7	89.9	89.9	90.2
GE 800			45.3	53.9	64.3	70.0	78.5	84.5	86.4	88.7	89.3	89.8	90.9	91.2	91.2	91.4
GE 700			45.3	53.9	64.3	70.3	78.9	85.0	87.0	89.8	90.5	91.4	92.6	93.0	93.0	93.2
GE 600			45.3	53.9	64.4	70.4	79.0	85.3	87.5	90.4	91.3	92.3	93.5	94.0	94.0	94.2
GE 500			45.3	53.9	64.4	70.4	79.0	85.4	87.8	90.9	91.9	93.0	94.8	95.5	95.6	95.8
GE 400			45.3	53.9	64.4	70.4	79.2	85.6	88.2	91.6	92.6	93.7	95.6	96.2	96.3	96.6
GE 300			45.3	53.9	64.4	70.4	79.2	85.6	88.2	91.6	92.6	93.7	95.8	96.8	96.9	97.3
GE 200			45.3	53.9	64.4	70.4	79.2	85.6	88.2	91.6	92.6	93.7	96.1	97.5	97.7	98.2
GE 100			45.3	53.9	64.4	70.4	79.2	85.6	88.2	91.6	92.6	93.7	96.1	97.9	98.0	99.4
GE n			45.3	53.9	64.4	70.4	79.2	85.6	88.2	91.6	92.6	93.7	96.1	97.9	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(IST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																

TOTAL NUMBER OF OBSERVATIONS: 816

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			30.8	39.9	46.9	50.3	54.1	59.0	61.4	64.0	66.1	66.9	67.8	69.5	69.9	73.0
GE 4500			31.3	40.4	47.5	51.1	55.0	60.0	62.4	64.9	67.1	67.8	68.8	70.5	70.9	74.0
GE 4000			33.0	42.3	49.5	53.1	57.0	62.3	64.7	67.2	69.4	70.1	71.1	72.8	73.2	76.3
GE 3500			34.5	43.8	50.9	54.7	58.8	64.2	66.6	69.2	71.5	72.2	73.2	74.8	75.2	78.4
GE 3000			36.3	45.9	53.3	57.2	61.4	66.9	69.3	71.9	74.2	75.0	75.9	77.6	78.0	81.1
GE 2500			37.0	47.3	54.5	58.6	63.0	68.4	71.0	73.6	75.9	76.7	77.6	79.3	79.7	82.8
GE 2000			37.7	48.0	55.6	59.7	64.2	69.8	72.3	75.0	77.3	78.0	79.0	80.7	81.0	84.2
GE 1800			38.5	48.7	56.3	60.6	65.1	70.6	73.2	75.8	78.1	78.8	79.8	81.5	81.9	85.0
GE 1500			39.7	50.4	58.3	62.5	67.0	72.6	75.6	78.4	80.7	81.4	82.3	84.0	84.4	87.5
GE 1200			40.9	52.5	60.6	64.8	69.3	74.8	78.0	80.8	83.1	83.8	84.8	86.5	86.8	90.0
GE 1000			41.2	53.4	61.7	66.1	70.6	76.3	79.4	82.3	84.6	85.4	86.3	88.0	88.4	91.5
GE 900			41.2	53.7	61.9	66.4	71.0	76.7	79.8	82.7	85.0	85.7	86.7	88.4	88.8	91.9
GE 800			41.2	53.9	62.0	66.6	71.2	77.0	80.3	83.3	85.6	86.3	87.3	89.0	89.4	92.5
GE 700			41.5	54.2	62.4	67.0	71.8	77.6	81.1	84.5	86.8	87.7	88.6	90.3	90.7	93.8
GE 600			41.5	54.2	62.4	67.0	71.8	77.9	81.5	84.9	87.3	88.3	89.2	91.1	91.4	94.6
GE 500			41.5	54.2	62.4	67.1	71.9	78.4	82.0	85.4	88.3	89.4	90.4	92.3	92.6	95.8
GE 400			41.5	54.3	62.5	67.2	72.1	78.8	82.7	86.3	89.2	90.3	91.4	93.2	93.6	96.7
GE 300			41.5	54.3	62.5	67.2	72.1	79.1	83.3	86.9	89.8	90.9	92.0	93.8	94.2	97.3
GE 200			41.5	54.3	62.5	67.2	72.1	79.1	83.3	87.1	90.1	91.2	92.3	94.1	94.6	98.2
GE 100			41.5	54.3	62.5	67.2	72.1	79.1	83.4	87.2	90.2	91.3	92.4	94.3	94.8	99.6
GE n			41.5	54.3	62.5	67.2	72.1	79.1	83.4	87.2	90.2	91.3	92.4	94.3	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: SEP HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 415



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL )																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			48.7	56.1	63.2	66.1	69.1	71.4	73.1	74.4	75.3	75.9	76.5	77.1	77.3	78.0
GE 4500			49.9	57.4	64.6	67.5	70.6	72.9	74.6	75.9	76.9	77.5	78.0	78.7	78.8	79.5
GE 4000			51.6	59.3	66.6	69.6	72.8	75.0	76.7	78.1	79.0	79.7	80.2	80.8	81.0	81.7
GE 3500			53.1	60.9	68.3	71.4	74.6	76.9	78.6	79.9	80.9	81.5	82.0	82.7	82.9	83.6
GE 3000			55.0	62.9	70.5	73.7	76.9	79.3	81.0	82.4	83.3	83.9	84.4	85.1	85.3	86.0
GE 2500			56.6	64.8	72.5	75.7	79.0	81.6	83.4	84.7	85.7	86.3	86.8	87.4	87.6	88.3
GE 2000			57.6	65.9	73.8	77.1	80.5	83.2	85.0	86.4	87.4	88.0	88.5	89.2	89.3	90.1
GE 1800			57.9	66.4	74.3	77.6	81.1	83.9	85.8	87.1	88.1	88.7	89.3	89.9	90.1	90.8
GE 1500			58.7	67.3	75.4	78.8	82.5	85.4	87.3	88.6	89.6	90.3	90.8	91.5	91.6	92.4
GE 1200			59.4	68.2	76.6	80.1	84.0	87.1	89.1	90.5	91.5	92.2	92.7	93.4	93.6	94.3
GE 1000			59.6	68.5	76.9	80.5	84.6	87.9	89.9	91.4	92.4	93.1	93.6	94.3	94.5	95.2
GE 900			59.7	68.6	77.0	80.6	84.8	88.2	90.2	91.8	92.8	93.5	94.0	94.7	94.9	95.7
GE 800			59.8	68.7	77.3	81.0	85.2	88.8	90.9	92.5	93.6	94.3	94.8	95.5	95.7	96.4
GE 700			59.8	68.8	77.4	81.2	85.5	89.2	91.5	93.1	94.2	94.9	95.5	96.3	96.5	97.2
GE 600			59.8	68.9	77.5	81.3	85.6	89.5	91.8	93.5	94.7	95.4	96.0	96.8	97.0	97.7
GE 500			59.9	69.0	77.6	81.4	85.8	89.9	92.3	94.2	95.4	96.1	96.8	97.6	97.8	98.5
GE 400			59.9	69.0	77.6	81.5	85.9	90.1	92.6	94.6	95.8	96.6	97.3	98.1	98.3	99.1
GE 300			59.9	69.0	77.6	81.5	85.9	90.2	92.7	94.7	96.0	96.8	97.6	98.4	98.7	99.4
GE 200			59.9	69.0	77.6	81.5	85.9	90.2	92.8	94.8	96.0	96.8	97.6	98.6	98.9	99.7
GE 100			59.9	69.0	77.6	81.5	85.9	90.2	92.8	94.8	96.0	96.8	97.6	98.6	98.9	99.9
GE 0			59.9	69.0	77.6	81.5	85.9	90.2	92.8	94.8	96.0	96.8	97.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 6563

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 1000-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			68.9	75.5	81.5	83.0	84.7	85.6	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500			70.1	76.8	82.7	84.2	85.9	86.9	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000			71.7	78.5	84.5	86.3	88.1	89.1	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500			73.2	80.2	86.3	88.0	89.9	90.9	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000			74.3	81.3	87.3	89.1	91.0	92.1	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500			75.1	82.2	88.3	90.1	92.1	93.2	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000			75.7	83.3	89.2	91.0	92.9	94.0	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800			75.8	83.2	89.4	91.2	93.3	94.4	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500			75.9	83.3	89.8	91.7	93.9	95.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200			76.5	84.2	90.8	92.8	95.3	96.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000			76.8	84.4	91.0	93.1	95.6	97.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900			76.8	84.4	91.0	93.1	95.6	97.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 800			76.8	84.4	91.1	93.4	96.0	97.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 700			76.8	84.4	91.1	93.6	96.1	98.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600			76.8	84.4	91.1	93.6	96.1	98.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500			76.8	84.4	91.1	93.6	96.1	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			76.8	84.4	91.1	93.6	96.1	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			76.8	84.4	91.1	93.6	96.1	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			76.8	84.4	91.1	93.6	96.1	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			76.8	84.4	91.1	93.6	96.1	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			76.8	84.4	91.1	93.6	96.1	98.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 922

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: AUG HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			37.8	45.5	53.0	56.2	61.4	64.1	65.3	66.1	66.6	67.1	67.4	67.6	67.6	67.6	67.6
GE 4500			38.6	46.4	54.0	57.3	62.6	65.3	66.6	67.4	67.9	68.4	68.8	68.9	68.9	68.9	68.9
GE 4000			40.3	48.4	56.0	59.2	64.5	67.2	68.5	69.4	69.8	70.3	70.7	70.8	70.8	70.8	70.8
GE 3500			41.3	49.5	57.1	60.4	65.7	68.4	69.7	70.6	71.0	71.5	71.9	72.0	72.0	72.0	72.0
GE 3000			42.5	51.0	58.6	62.1	67.4	70.2	71.5	72.4	72.9	73.3	73.7	73.8	73.8	73.8	73.8
GE 2500			46.4	55.1	62.7	66.5	71.8	75.0	76.4	77.2	77.7	78.2	78.5	78.6	78.6	78.6	78.6
GE 2000			49.1	58.1	66.0	69.8	75.5	79.0	80.6	81.4	81.9	82.4	82.8	82.9	82.9	82.9	82.9
GE 1800			50.2	59.3	67.3	71.2	77.0	80.5	82.0	82.9	83.5	84.0	84.3	84.4	84.4	84.4	84.4
GE 1500			52.1	61.6	70.0	74.1	80.2	84.0	85.6	86.5	87.1	87.6	87.9	88.1	88.1	88.1	88.1
GE 1200			53.1	63.1	71.9	76.4	83.0	87.5	89.3	90.1	90.7	91.3	91.7	91.8	91.8	91.8	91.8
GE 1000			53.1	63.2	72.1	76.8	83.8	89.1	91.0	92.0	92.6	93.2	93.6	93.8	93.8	93.8	93.8
GE 900			53.2	63.3	72.3	77.0	84.2	89.7	91.6	92.6	93.2	94.0	94.3	94.6	94.7	94.7	94.7
GE 800			53.2	63.3	72.4	77.3	84.7	90.5	92.4	93.5	94.2	94.9	95.3	95.5	95.7	95.7	95.7
GE 700			53.2	63.4	72.6	77.6	85.2	91.1	93.4	94.8	95.8	96.5	96.9	97.1	97.2	97.2	97.2
GE 600			53.2	63.4	72.7	77.7	85.4	91.6	94.1	95.5	96.5	97.2	97.6	97.8	97.9	97.9	97.9
GE 500			53.2	63.6	72.9	77.8	85.5	91.8	94.6	96.4	97.3	98.1	98.6	98.9	99.0	99.0	99.0
GE 400			53.2	63.6	72.9	77.8	85.5	91.9	94.7	96.6	97.6	98.4	99.0	99.4	99.5	99.5	99.5
GE 300			53.2	63.6	72.9	77.8	85.5	91.9	94.7	96.6	97.6	98.4	99.3	99.6	99.8	99.8	99.8
GE 200			53.2	63.6	72.9	77.8	85.5	91.9	94.7	96.6	97.6	98.4	99.3	99.6	99.8	99.8	99.8
GE 100			53.2	63.6	72.9	77.8	85.5	91.9	94.7	96.6	97.6	98.4	99.3	99.6	99.9	100.0	100.0
GE 0			53.2	63.6	72.9	77.8	85.5	91.9	94.7	96.6	97.6	98.4	99.3	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		32.1	38.1	42.9	46.7	49.8	53.9	57.3	59.2	59.9	60.9	61.8	63.5	63.8	66.7	
GE	4500		32.8	38.8	43.7	47.6	50.9	55.2	58.6	60.5	61.2	62.2	63.1	64.7	65.1	68.0	
GE	4000		34.3	40.7	45.7	50.1	53.5	57.9	61.6	63.5	64.2	65.1	66.0	67.7	68.0	71.0	
GE	3500		34.8	41.7	47.5	51.8	55.2	59.7	63.3	65.2	65.9	66.9	67.8	69.4	69.8	72.7	
GE	3000		36.1	43.9	50.6	55.0	58.5	63.0	66.7	68.6	69.3	70.3	71.2	72.9	73.2	76.1	
GE	2500		37.6	45.8	53.1	57.5	61.1	65.6	69.3	71.3	72.0	73.1	74.0	75.8	76.1	79.1	
GE	2000		38.8	47.4	54.8	59.1	62.7	67.2	71.2	73.2	73.9	75.0	76.0	77.8	78.1	81.2	
GE	1800		39.1	47.9	55.3	59.8	63.5	67.9	71.9	73.9	74.6	75.7	76.7	78.5	78.8	81.9	
GE	1500		40.1	49.1	56.8	61.3	65.0	69.6	73.6	75.6	76.3	77.3	78.4	80.1	80.5	83.5	
GE	1200		40.7	50.3	58.4	63.0	66.9	71.4	75.4	77.4	78.3	79.3	80.4	82.1	82.5	85.5	
GE	1000		40.7	50.5	59.1	64.0	68.2	72.9	76.9	79.1	79.9	81.1	82.1	83.9	84.3	87.3	
GE	900		40.7	50.6	59.3	64.3	68.6	73.4	77.4	79.8	80.8	82.0	83.1	84.8	85.2	88.2	
GE	800		40.8	50.8	59.7	64.7	69.2	74.7	78.8	81.4	82.5	83.7	84.7	86.5	86.8	89.9	
GE	700		40.8	51.3	59.9	65.0	69.4	75.1	79.2	81.8	82.8	84.0	85.1	86.8	87.2	90.2	
GE	600		40.8	51.1	60.3	65.5	70.0	76.5	80.7	83.3	84.4	85.5	86.6	88.4	88.7	91.8	
GE	500		41.0	51.7	60.9	66.2	71.1	78.0	82.6	85.3	86.5	87.7	88.7	90.5	90.8	93.9	
GE	400		41.0	51.9	61.1	66.4	71.4	78.8	83.4	86.4	87.7	88.8	89.9	91.8	92.1	95.2	
GE	300		41.0	51.8	61.1	66.4	71.4	79.0	83.8	86.7	88.0	89.2	90.5	92.5	92.8	95.9	
GE	200		41.0	51.3	61.1	66.4	71.4	79.0	83.9	86.8	88.1	89.3	90.8	93.1	93.5	97.5	
GE	100		41.0	51.9	61.1	66.4	71.4	79.0	83.9	86.8	88.1	89.3	91.0	93.3	93.8	98.5	
GE	01		41.0	51.8	61.1	66.4	71.4	79.0	83.9	86.8	88.1	89.3	91.0	93.3	93.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 951

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		24.0	29.7	33.9	36.3	40.8	46.2	48.3	50.6	52.5	53.6	55.3	57.2	57.7	61.6	
GE 4500		24.6	30.8	35.1	37.5	42.0	47.5	49.6	51.9	54.0	55.0	56.7	58.6	59.1	63.1	
GE 4000		26.0	32.4	37.1	39.6	44.2	49.9	52.2	54.4	56.5	57.9	59.6	61.5	62.0	65.9	
GE 3500		27.7	34.1	39.0	41.6	46.4	52.0	54.3	56.8	59.0	60.4	62.1	64.0	64.5	68.5	
GE 3000		29.1	35.5	40.9	43.6	48.7	54.3	56.7	59.6	61.8	63.2	64.9	66.8	67.3	71.2	
GE 2500		30.2	37.1	42.6	45.4	50.5	56.2	58.6	61.6	63.8	65.2	66.9	68.8	69.3	73.3	
GE 2000		31.5	39.1	44.6	48.0	53.2	59.0	61.5	64.6	66.8	68.3	70.0	72.1	72.5	76.5	
GE 1800		31.9	39.6	45.2	48.7	54.1	59.8	62.4	65.7	67.9	69.4	71.1	73.1	73.6	77.8	
GE 1500		33.2	41.3	46.9	50.4	55.9	61.6	64.1	67.6	69.9	71.5	73.1	75.3	75.8	80.0	
GE 1200		33.6	41.8	48.1	51.8	57.6	63.3	66.2	69.8	72.1	73.6	75.3	77.5	77.9	82.1	
GE 1000		33.8	42.2	48.7	52.6	58.6	65.0	68.1	71.7	74.0	75.5	77.3	79.6	80.1	84.3	
GE 900		33.8	42.2	48.8	52.9	58.9	65.3	68.5	72.1	74.3	75.9	77.8	80.1	80.6	84.8	
GE 800		33.8	42.4	49.4	53.8	59.8	66.8	69.9	73.9	76.1	77.7	79.6	81.9	82.4	86.6	
GE 700		33.9	42.7	49.9	54.3	60.4	67.7	71.1	75.2	77.7	79.3	81.2	83.5	83.9	88.1	
GE 600		34.1	43.3	50.2	54.8	61.2	69.1	72.5	76.7	79.4	80.9	83.0	85.4	85.9	90.0	
GE 500		34.2	43.6	50.8	55.6	62.0	70.3	74.0	78.3	80.9	82.5	84.7	87.3	87.8	92.0	
GE 400		34.2	43.8	51.0	55.8	62.1	70.5	74.5	79.0	81.7	83.5	85.6	88.2	88.7	93.0	
GE 300		34.2	43.8	51.0	55.8	62.1	70.6	74.7	79.9	82.7	84.5	87.2	89.8	90.3	94.7	
GE 200		34.2	43.8	51.0	55.8	62.1	70.6	74.7	80.0	82.9	84.7	87.4	90.0	90.6	95.4	
GE 100		34.2	43.8	51.0	55.8	62.1	70.6	74.7	80.0	82.9	84.7	87.4	90.2	90.9	98.3	
GE n		34.2	43.8	51.0	55.8	62.1	70.6	74.7	80.0	82.9	84.7	87.4	90.2	90.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 834

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: D63500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		28.0	35.0	42.5	45.3	51.2	56.2	57.9	60.6	61.8	62.3	63.4	63.6	63.8	65.0	
GE 4500		28.3	35.5	43.2	46.1	52.0	57.2	58.9	61.6	62.8	63.4	64.5	64.7	64.8	66.0	
GE 4000		29.5	37.0	44.7	47.7	54.2	59.4	61.1	63.9	65.1	65.7	66.7	67.0	67.1	68.3	
GE 3500		30.5	38.0	45.9	49.0	55.7	61.0	62.7	65.4	66.6	67.2	68.3	68.5	68.7	69.9	
GE 3000		31.2	39.0	47.1	50.4	57.2	62.6	64.4	67.1	68.3	68.9	70.0	70.2	70.3	71.7	
GE 2500		33.1	41.1	49.3	52.6	59.6	65.4	67.2	70.2	71.4	72.1	73.2	73.4	73.6	74.9	
GE 2000		34.8	42.9	51.4	54.8	62.0	67.8	69.9	72.8	74.2	74.9	76.0	76.2	76.3	77.6	
GE 1800		35.6	43.9	52.4	55.7	63.0	69.0	71.1	74.0	75.4	76.1	77.2	77.4	77.5	78.8	
GE 1500		36.6	45.8	54.4	58.0	65.6	71.5	73.7	77.0	78.3	79.1	80.1	80.4	80.5	81.8	
GE 1200		37.2	47.1	55.9	59.7	67.6	73.9	76.2	79.8	81.1	81.8	82.9	83.1	83.3	84.6	
GE 1000		38.0	48.4	57.2	61.2	69.4	76.3	78.8	82.5	83.9	84.7	85.8	86.0	86.1	87.4	
GE 900		38.0	48.6	57.4	61.6	69.7	76.8	79.3	83.0	84.3	85.2	86.2	86.5	86.6	87.9	
GE 800		38.3	48.9	57.7	62.2	70.6	77.9	80.4	84.1	85.4	86.2	87.3	87.8	87.9	89.2	
GE 700		38.4	48.9	58.0	62.6	71.1	78.7	81.2	85.2	86.6	87.4	88.5	89.0	89.1	90.4	
GE 600		38.5	49.0	58.3	62.9	71.5	79.2	81.7	86.4	87.9	88.8	89.8	90.3	90.4	91.7	
GE 500		38.5	49.0	58.3	63.0	71.8	79.5	82.3	87.3	89.0	90.2	91.3	92.8	93.1	94.4	
GE 400		38.5	49.0	58.3	63.0	71.8	80.1	83.0	88.2	90.0	91.1	92.3	93.9	94.1	95.5	
GE 300		38.5	49.0	58.3	63.0	71.8	80.3	83.5	89.0	90.8	92.0	93.5	95.1	95.3	96.7	
GE 200		38.5	49.0	58.3	63.0	71.8	80.3	83.6	89.1	90.9	92.2	93.8	95.5	95.7	97.7	
GE 100		38.5	49.0	58.3	63.0	71.8	80.3	83.6	89.1	90.9	92.2	93.8	95.5	95.8	99.8	
GE 0		38.5	49.0	58.3	63.0	71.8	80.3	83.6	89.1	90.9	92.2	93.8	95.5	95.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 836

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000				40.8	47.8	54.1	56.3	59.2	60.4	61.0	61.5	61.9	62.2	62.3	62.3	62.3	62.4
GE 4500				41.5	48.6	55.1	57.3	60.3	61.5	62.0	62.5	63.0	63.2	63.3	63.3	63.3	63.5
GE 4000				43.0	50.4	56.9	59.1	62.0	63.2	63.9	64.4	64.9	65.1	65.2	65.2	65.2	65.3
GE 3500				43.8	51.4	57.9	60.4	63.3	64.5	65.2	65.7	66.2	66.4	66.5	66.5	66.5	66.6
GE 3000				46.5	54.2	60.8	63.3	66.4	67.6	68.3	68.7	69.2	69.4	69.6	69.6	69.6	69.7
GE 2500				50.3	58.4	65.2	67.8	70.9	72.2	72.9	73.3	73.9	74.1	74.3	74.3	74.3	74.4
GE 2000				53.6	62.3	69.4	72.2	75.4	76.9	77.7	78.3	78.8	79.1	79.2	79.2	79.2	79.3
GE 1800				54.8	63.8	71.1	73.9	77.3	78.7	79.6	80.1	80.7	81.0	81.1	81.1	81.1	81.2
GE 1500				56.3	65.8	73.6	76.5	80.1	81.8	83.0	83.7	84.3	84.5	84.7	84.7	84.7	84.8
GE 1200				57.1	66.9	75.2	78.3	82.5	84.8	86.6	87.5	88.1	88.4	88.7	88.7	88.7	88.8
GE 1000				57.2	67.2	76.0	79.8	84.0	87.0	88.8	89.9	90.6	90.8	91.2	91.2	91.2	91.3
GE 900				57.2	67.2	76.1	79.9	84.5	87.7	89.5	90.7	91.4	91.7	92.0	92.0	92.0	92.1
GE 800				57.2	67.2	76.1	80.1	85.0	89.2	91.3	92.5	93.3	93.5	93.9	93.9	93.9	94.0
GE 700				57.2	67.2	76.1	80.3	85.1	89.9	92.2	93.4	94.2	94.6	94.9	94.9	94.9	95.1
GE 600				57.2	67.2	76.1	80.3	85.2	90.5	92.9	94.4	95.2	95.9	96.5	96.6	96.6	96.7
GE 500				57.2	67.2	76.3	80.4	85.5	91.3	94.0	95.5	96.6	97.4	98.1	98.2	98.2	98.4
GE 400				57.2	67.2	76.3	80.4	85.5	91.3	94.0	95.5	96.7	97.6	98.7	98.9	98.9	99.1
GE 300				57.2	67.2	76.3	80.4	85.5	91.3	94.0	95.7	96.8	97.8	98.9	99.3	99.3	99.4
GE 200				57.2	67.2	76.3	80.4	85.5	91.3	94.0	95.7	96.8	97.9	99.1	99.6	99.6	99.9
GE 100				57.2	67.2	76.3	80.4	85.5	91.3	94.0	95.7	96.8	97.9	99.1	99.6	99.6	100.0
GE 0				57.2	67.2	76.3	80.4	85.5	91.3	94.0	95.7	96.8	97.9	99.1	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 951



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: D63500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			50.4	56.9	63.4	65.5	67.6	67.8	69.1	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500			51.0	57.7	64.3	66.6	68.6	68.9	70.2	71.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000			52.7	60.3	66.6	68.9	70.9	71.2	72.5	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500			54.9	62.4	69.1	71.4	73.5	73.7	75.0	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000			56.0	63.7	70.8	73.3	75.6	76.2	77.7	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6
GE 2500			58.1	66.3	73.7	76.4	78.6	79.3	80.7	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000			60.3	69.6	77.1	79.9	82.3	83.1	84.7	85.9	86.4	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800			60.6	70.3	77.9	80.9	83.4	84.2	85.8	87.1	87.6	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500			61.2	71.0	79.4	82.6	85.3	86.5	88.1	89.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200			61.9	72.0	81.2	84.4	87.3	88.8	90.3	91.8	92.4	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000			62.1	72.4	81.8	85.4	88.5	90.2	91.8	93.4	94.0	94.3	94.3	94.3	94.3	94.3	94.3
GE 900			62.1	72.4	81.8	85.4	88.7	90.5	92.0	93.6	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 800			62.4	72.7	82.3	85.9	89.4	91.5	92.9	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7
GE 700			62.4	72.7	82.3	85.9	89.4	91.3	93.1	95.1	95.7	96.0	96.1	96.1	96.1	96.1	96.1
GE 600			62.4	73.3	82.5	86.1	89.6	91.9	94.2	96.3	97.0	97.5	97.6	97.6	97.6	97.6	97.6
GE 500			62.4	73.3	82.5	86.1	89.6	92.2	94.5	96.6	97.3	97.8	97.9	97.9	97.9	97.9	97.9
GE 400			62.4	73.3	82.5	86.1	89.6	92.2	94.5	96.7	97.6	98.3	98.6	98.7	98.7	98.7	98.7
GE 300			62.4	73.3	82.5	86.1	89.6	92.2	94.5	97.0	97.9	98.7	99.0	99.3	99.4	99.5	99.5
GE 200			62.4	73.3	82.5	86.1	89.6	92.2	94.5	97.0	97.9	98.7	99.0	99.3	99.4	99.6	99.6
GE 100			62.4	73.3	82.5	86.1	89.6	92.2	94.5	97.0	97.9	98.7	99.0	99.3	99.4	100.0	100.0
GE 0			62.4	73.3	82.5	86.1	89.6	92.2	94.5	97.0	97.9	98.7	99.0	99.3	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 829

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): 2100-2300

TOTAL NUMBER OF OBSERVATIONS: 827

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: OCT HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			37.0	44.0	49.8	52.5	55.7	59.0	60.7	62.4	63.4	63.9	64.6	65.5	65.6	67.2	
GE 4500			37.9	45.1	51.1	53.7	57.0	60.4	62.1	63.8	64.8	65.3	66.0	66.9	67.1	68.6	
GE 4000			39.4	46.9	53.0	55.8	59.2	62.6	64.4	66.1	67.0	67.6	68.3	69.2	69.4	70.9	
GE 3500			40.8	48.4	54.8	57.6	61.1	64.5	66.4	68.1	69.1	69.7	70.4	71.3	71.5	73.0	
GE 3000			42.2	50.2	57.0	59.9	63.5	67.0	68.9	70.8	71.8	72.3	73.1	74.0	74.1	75.7	
GE 2500			44.2	52.7	59.6	62.6	66.3	69.9	71.9	73.8	74.8	75.4	76.2	77.1	77.3	78.8	
GE 2000			45.7	54.6	61.7	64.8	68.7	72.4	74.4	76.4	77.4	78.1	78.8	79.8	80.0	81.5	
GE 1800			46.2	55.3	62.6	65.8	69.7	73.4	75.5	77.5	78.6	79.2	80.0	80.9	81.1	82.7	
GE 1500			47.2	56.6	64.2	67.5	71.7	75.5	77.6	79.8	80.8	81.5	82.3	83.2	83.4	85.0	
GE 1200			47.8	57.7	65.7	69.2	73.6	77.7	80.0	82.3	83.4	84.1	85.0	85.9	86.1	87.7	
GE 1000			48.2	58.3	66.6	70.4	75.0	79.6	82.0	84.5	85.6	86.3	87.2	88.2	88.3	89.9	
GE 900			48.2	58.4	66.8	70.6	75.3	80.1	82.5	85.1	86.3	87.0	87.8	88.8	89.0	90.6	
GE 800			48.3	58.6	67.1	71.1	76.0	81.2	83.7	86.4	87.6	88.3	89.2	90.2	90.4	92.0	
GE 700			48.4	58.7	67.4	71.4	76.3	81.8	84.5	87.2	88.6	89.3	90.2	91.3	91.4	93.0	
GE 600			48.4	58.8	67.6	71.6	76.8	82.6	85.4	88.3	89.7	90.5	91.5	92.6	92.7	94.4	
GE 500			48.5	59.3	67.8	71.9	77.2	83.5	86.4	89.6	91.2	92.0	93.1	94.3	94.5	96.1	
GE 400			48.5	59.3	67.8	71.9	77.3	83.8	86.8	90.1	91.7	92.7	93.8	95.1	95.3	96.9	
GE 300			48.5	59.3	67.8	71.9	77.3	83.8	87.0	90.5	92.2	93.2	94.5	96.0	96.2	97.8	
GE 200			48.5	59.3	67.8	71.9	77.3	83.8	87.0	90.5	92.2	93.3	94.7	96.2	96.5	98.5	
GE 100			48.5	59.3	67.8	71.9	77.3	83.8	87.0	90.5	92.2	93.3	94.8	96.3	96.6	99.4	
GE 01			48.5	59.3	67.8	71.9	77.3	83.8	87.0	90.5	92.2	93.3	94.8	96.3	96.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6709

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			34.2	39.7	43.0	44.0	46.6	48.4	49.7	50.8	51.0	51.4	52.3	53.6	53.7	55.3
GE 4500			36.0	41.8	45.1	46.0	48.7	50.8	52.4	53.8	54.1	54.5	55.3	56.7	56.8	58.4
GE 4000			38.8	44.7	48.2	49.3	52.1	54.2	55.8	57.4	57.6	58.0	58.9	60.2	60.3	61.9
GE 3500			41.3	47.3	51.5	52.6	55.6	57.6	59.2	60.8	61.1	61.4	62.3	63.6	63.7	65.3
GE 3000			44.2	50.3	54.7	55.9	59.0	61.1	62.6	64.2	64.5	64.8	65.7	67.0	67.2	68.7
GE 2500			46.4	53.6	58.0	59.3	63.0	65.3	67.0	68.6	68.9	69.2	70.2	71.6	71.7	73.3
GE 2000			47.4	54.7	59.1	60.4	64.5	66.9	69.0	70.6	70.8	71.2	72.2	73.5	73.6	75.2
GE 1800			48.2	56.3	60.9	62.3	66.3	69.0	71.1	72.8	73.0	73.4	74.4	75.7	75.8	77.4
GE 1500			51.0	59.7	64.7	66.3	70.3	73.0	75.2	76.9	77.2	77.5	78.6	80.0	80.1	81.7
GE 1200			52.0	61.1	66.1	67.8	71.8	74.5	76.7	78.5	79.8	79.1	80.2	81.6	81.7	83.3
GE 1000			52.5	61.8	67.5	69.4	73.6	76.3	78.5	80.3	80.6	81.0	82.1	83.4	83.5	85.1
GE 900			52.7	62.1	68.1	70.0	74.4	77.4	79.7	81.6	81.8	82.2	83.3	84.6	84.7	86.3
GE 800			52.9	62.6	68.6	70.7	75.2	78.8	81.1	82.9	83.2	83.5	84.6	86.0	86.1	87.7
GE 700			52.9	62.6	68.9	71.2	76.1	80.0	82.5	84.4	84.6	85.0	86.1	87.4	87.5	89.1
GE 600			53.0	62.8	69.1	71.6	76.7	80.8	83.4	85.3	85.6	86.0	87.1	88.4	88.5	90.1
GE 500			53.0	62.8	69.1	71.8	77.5	82.2	85.1	87.4	87.9	88.3	89.5	90.8	91.0	92.6
GE 400			53.0	62.8	69.1	71.8	77.7	82.4	85.5	87.8	88.3	88.6	89.9	91.3	91.6	93.2
GE 300			53.0	62.9	69.1	71.8	77.7	82.4	85.7	88.3	88.8	89.3	91.0	92.4	92.7	94.3
GE 200			53.0	62.8	69.1	71.8	77.7	82.4	85.7	88.5	89.1	89.6	91.6	93.2	93.5	95.2
GE 100			53.0	62.8	69.1	71.8	77.7	82.4	85.7	88.6	89.3	89.9	91.8	93.9	94.3	97.8
GE 0			53.0	62.8	69.1	71.8	77.7	82.4	85.7	88.6	89.3	89.9	91.8	93.9	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			32.8	39.1	42.2	43.9	46.2	48.9	49.6	51.0	51.8	52.0	52.4	53.5	53.7	55.6
GE 4500			34.1	40.7	43.9	45.6	47.9	50.7	51.6	53.3	54.3	54.4	54.9	56.0	56.1	58.0
GE 4000			36.2	43.3	46.5	48.2	50.5	53.4	54.4	56.3	57.3	57.4	57.9	59.1	59.3	61.2
GE 3500			37.7	44.8	48.3	50.0	52.4	55.7	56.8	58.8	59.8	59.9	60.5	61.8	62.0	63.9
GE 3000			39.8	47.7	51.6	53.4	55.9	59.1	60.2	62.4	63.4	63.5	64.1	65.5	65.6	67.6
GE 2500			42.2	50.9	55.5	57.3	59.9	63.3	64.6	66.8	67.8	67.9	68.5	69.9	70.0	72.0
GE 2000			44.1	53.2	58.0	60.0	63.0	66.8	68.3	70.6	71.6	71.7	72.3	73.7	73.8	75.7
GE 1800			45.0	54.1	59.6	61.6	64.6	68.7	70.1	72.4	73.4	73.5	74.1	75.5	75.6	77.6
GE 1500			46.0	56.1	61.7	63.7	66.7	70.7	72.2	74.6	75.6	75.7	76.3	77.7	77.8	79.8
GE 1200			47.0	57.7	63.8	65.9	69.1	73.3	74.9	77.3	78.4	78.5	79.1	80.5	80.6	82.6
GE 1000			47.1	57.9	64.3	66.8	70.5	74.8	76.5	78.9	80.0	80.1	80.7	82.1	82.2	84.1
GE 900			47.3	58.7	65.1	67.7	71.5	75.9	77.8	80.2	81.3	81.5	82.1	83.4	83.5	85.5
GE 800			47.3	58.3	65.5	68.4	72.6	77.3	79.3	81.7	83.0	83.2	83.8	85.1	85.2	87.2
GE 700			47.3	58.9	65.7	68.7	73.3	78.4	80.5	82.9	84.3	84.4	85.0	86.3	86.5	88.4
GE 600			47.3	58.9	65.9	68.9	73.9	79.3	81.3	83.8	85.1	85.4	86.0	87.3	87.4	89.4
GE 500			47.4	59.1	66.2	69.3	74.3	80.1	82.6	85.0	86.3	86.7	87.3	88.7	88.8	90.7
GE 400			47.4	59.1	66.2	69.3	74.4	81.1	83.5	86.1	87.4	87.9	88.7	90.1	90.2	92.3
GE 300			47.4	59.1	66.2	69.3	74.5	81.2	84.1	86.8	88.4	88.9	89.8	91.2	91.5	93.5
GE 200			47.4	59.1	66.2	69.4	74.6	81.3	84.3	87.3	88.9	89.6	90.6	92.3	92.6	95.2
GE 100			47.4	59.1	66.3	69.5	74.8	81.5	84.4	87.4	89.0	89.8	91.0	92.8	93.0	97.2
GE 0			47.4	59.1	66.3	69.5	74.8	81.5	84.4	87.4	89.0	89.8	91.0	92.8	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 820

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS (LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GI	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL																	
GE	20000																
GE	18000																
GE	16000																
GE	14000																
GE	12000																
GE	10000																
GE	9000																
GE	8000																
GE	7000																
GE	6000																
GE	5000		27.6	34.5	38.4	40.3	42.9	45.9	48.2	50.0	51.2	51.6	52.3	53.4	53.8	54.4	
GE	4500		29.2	36.8	40.8	42.7	45.4	48.5	50.8	52.9	54.1	54.5	55.3	56.4	56.8	57.4	
GE	4000		30.4	38.1	42.1	44.2	46.9	50.2	52.5	54.6	55.8	56.2	57.0	58.1	58.5	59.1	
GE	3500		32.1	40.0	43.9	46.1	48.9	52.3	54.6	56.7	57.9	58.2	59.1	60.2	60.5	61.1	
GE	3000		34.4	42.6	47.1	49.3	52.2	55.7	58.0	60.2	61.4	61.7	62.6	63.7	64.2	64.8	
GE	2500		36.3	44.9	49.8	52.1	55.0	58.6	60.9	63.2	64.4	64.9	65.7	66.8	67.3	67.9	
GE	2000		38.6	47.3	52.5	55.0	58.5	62.1	64.4	66.9	68.2	68.6	69.5	70.7	71.2	71.8	
GE	1800		39.5	48.8	54.0	56.4	59.9	63.6	66.0	68.8	70.0	70.5	71.3	72.5	73.0	73.6	
GE	1500		40.9	51.5	57.4	60.0	63.6	67.2	69.7	72.8	74.0	74.5	75.4	76.6	77.1	77.7	
GE	1200		41.9	53.1	59.6	62.5	66.6	70.2	72.9	75.9	77.2	77.7	78.8	80.0	80.5	81.1	
GE	1000		42.9	54.6	61.4	64.8	69.2	73.5	76.3	79.4	80.8	81.2	82.3	83.5	84.0	84.6	
GE	900		43.0	54.7	61.6	65.0	69.5	73.7	76.5	79.7	81.0	81.5	82.6	83.8	84.3	84.9	
GE	800		43.3	55.1	62.1	65.6	70.3	74.6	77.4	80.5	81.8	82.3	83.4	84.6	85.1	85.7	
GE	700		43.3	55.1	62.2	66.0	70.8	75.4	78.2	81.5	82.8	83.4	84.5	85.7	86.2	86.8	
GE	600		43.3	55.1	62.2	66.0	70.9	76.0	79.1	82.3	83.7	84.3	85.4	86.6	87.0	87.7	
GE	500		43.5	55.2	62.3	66.1	71.7	77.4	80.9	84.5	86.1	86.7	87.8	89.1	89.6	90.2	
GE	400		43.5	55.2	62.7	66.5	72.0	78.1	81.7	85.5	87.2	87.8	89.0	90.3	90.8	91.4	
GE	300		43.5	55.2	62.7	66.5	72.2	78.2	82.0	86.0	87.7	88.5	89.8	91.8	92.4	93.0	
GE	200		43.5	55.2	62.7	66.5	72.2	78.2	82.0	86.0	87.8	88.9	90.2	92.6	93.3	94.8	
GE	100		43.5	55.2	62.7	66.5	72.2	78.2	82.0	86.0	87.8	88.9	90.4	93.3	94.2	98.3	
GE	0		43.5	55.2	62.7	66.5	72.2	78.2	82.0	86.0	87.8	88.9	90.4	93.3	94.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 817

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			33.3	39.3	44.1	45.2	47.3	49.9	50.5	51.2	51.5	51.5	51.6	52.1	52.2	52.2	
GE 4500			34.4	40.8	46.1	47.2	49.3	51.8	52.6	53.3	53.6	53.6	53.7	54.2	54.3	54.3	
GE 4000			36.6	43.5	48.8	50.1	52.3	55.0	55.8	56.6	56.9	56.9	57.0	57.5	57.6	57.6	
GE 3500			37.7	45.1	50.5	52.0	54.2	56.9	57.6	58.5	58.7	58.7	58.8	59.3	59.4	59.4	
GE 3000			39.2	46.8	52.5	54.0	56.3	58.9	59.7	60.5	60.8	60.8	60.9	61.4	61.5	61.5	
GE 2500			42.4	50.5	56.6	58.2	60.4	63.1	64.0	65.0	65.2	65.2	65.3	65.8	65.9	65.9	
GE 2000			45.7	53.8	60.4	62.3	64.6	67.8	68.8	70.1	70.3	70.3	70.5	71.0	71.1	71.1	
GE 1800			46.7	55.3	61.6	63.5	66.1	69.2	70.2	71.8	72.1	72.1	72.2	72.7	72.8	72.8	
GE 1500			48.7	57.1	64.8	66.7	70.2	73.5	74.6	76.2	76.5	76.5	76.6	77.1	77.2	77.2	
GE 1200			50.9	60.9	69.7	71.9	75.7	79.4	80.5	82.2	82.5	82.5	82.6	83.1	83.2	83.2	
GE 1000			51.3	61.6	71.0	73.7	77.8	82.1	83.5	85.3	85.5	85.5	85.7	86.2	86.3	86.3	
GE 900			51.3	62.3	71.4	74.1	78.4	83.0	84.3	86.2	86.4	86.4	86.5	87.0	87.1	87.1	
GE 800			51.3	62.1	71.9	74.8	79.7	84.6	86.0	88.0	88.2	88.2	88.4	88.8	89.0	89.0	
GE 700			51.5	62.5	72.4	75.2	80.3	85.4	86.9	89.1	89.5	89.5	89.6	90.1	90.2	90.2	
GE 600			51.5	62.5	72.4	75.2	80.6	86.0	87.7	90.4	90.8	90.8	90.9	91.4	91.5	91.5	
GE 500			51.5	62.5	72.4	75.2	81.3	87.1	89.1	92.0	92.8	92.8	93.0	93.5	93.6	93.9	
GE 400			51.5	62.5	72.4	75.2	81.3	87.3	89.2	92.5	93.8	93.8	94.2	94.7	94.9	95.1	
GE 300			51.5	62.5	72.4	75.2	81.3	87.3	89.2	92.6	94.1	94.6	95.2	96.2	96.3	96.8	
GE 200			51.5	62.5	72.4	75.2	81.3	87.3	89.2	92.6	94.1	94.6	95.5	96.9	97.2	97.8	
GE 100			51.5	62.5	72.4	75.2	81.3	87.3	89.2	92.6	94.1	94.6	95.5	97.3	97.7	99.6	
GE 0			51.5	62.5	72.4	75.2	81.3	87.3	89.2	92.6	94.1	94.6	95.5	97.3	97.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 116



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 802

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	G1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000			39.7	43.3	46.3	48.4	50.1	52.4	53.3	54.8	55.2	55.7	55.9	56.3	56.3
GE 4500			41.8	45.4	48.4	50.6	52.2	54.6	55.4	56.9	57.4	57.9	58.2	58.6	58.9
GE 4000			43.4	47.1	50.2	52.3	53.9	56.4	57.3	58.8	59.3	59.8	60.1	60.5	60.8
GE 3500			44.8	48.7	51.8	54.1	55.7	58.2	59.1	60.6	61.1	61.6	61.8	62.2	62.6
GE 3000			47.3	51.5	55.1	57.4	59.3	61.8	62.7	64.3	64.8	65.3	65.6	66.0	66.3
GE 2500			49.7	54.9	58.4	61.2	63.1	65.7	66.6	68.2	68.7	69.2	69.5	69.8	69.8
GE 2000			51.1	56.7	60.5	63.3	65.3	68.3	69.7	71.6	72.2	72.7	73.0	73.3	73.7
GE 1800			52.6	58.4	62.2	65.1	67.1	70.3	71.7	73.6	74.2	74.8	75.2	75.6	76.0
GE 1500			53.9	60.1	64.2	67.1	69.2	72.6	74.1	76.0	76.6	77.2	77.6	78.0	78.3
GE 1200			55.8	62.5	67.1	70.2	72.7	76.6	78.2	80.4	81.0	81.6	82.1	82.5	82.9
GE 1000			56.1	63.1	67.6	71.0	74.1	78.2	79.8	82.4	83.0	83.6	84.1	84.5	84.9
GE 900			56.4	63.6	68.5	71.6	75.1	79.8	81.5	84.0	84.6	85.2	85.7	86.1	86.5
GE 800			56.8	64.3	68.8	72.6	76.2	81.1	82.9	85.7	86.7	87.4	87.9	88.2	88.6
GE 700			56.8	64.3	68.8	72.6	76.5	81.6	83.4	86.4	87.4	88.0	88.5	88.9	89.2
GE 600			56.8	64.3	68.8	72.6	76.6	82.0	83.9	87.4	88.5	89.1	89.6	90.0	90.4
GE 500			56.8	64.3	69.0	73.0	77.0	83.4	85.2	89.4	90.9	91.6	92.1	92.5	92.9
GE 400			56.8	64.2	69.0	73.1	77.3	84.1	86.0	90.4	92.0	92.9	93.4	93.7	94.2
GE 300			56.9	64.2	69.2	73.3	77.6	84.5	86.4	91.1	93.0	94.1	94.6	95.6	96.1
GE 200			56.9	64.2	69.2	73.3	77.6	84.5	86.4	91.1	93.0	94.2	94.9	96.1	97.0
GE 100			56.9	64.2	69.2	73.3	77.6	84.5	86.4	91.1	93.1	94.5	95.2	96.7	97.1
GE 0			56.9	64.2	69.2	73.3	77.6	84.5	86.4	91.1	93.1	94.5	95.2	96.7	97.2

TOTAL NUMBER OF OBSERVATIONS: 779

REPORT OF THE COMMANDER  
 1. NAME OF THE VESSEL  
 2. DATE OF OBSERVATION

# SKY COVER

3. NAME OF THE COMMANDER

76-25

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

WIND		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL	
Direction	Force	0	1	2	3	4	5	6	7	8	9	Frequency	Mean
0-90	11.1	0.2		4.3	4.1	2.5	4.5			5.1	11.1	52.7	7.7
91-180	17.1	4.4		4.5	3.9	4.5	5.7			4.4	17.1	42.7	7.1
181-270	3.0	5.2		5.2	4.5	4.2	4.5			5.5	11.5	49.9	7.7
271-360	3.0	5.6		3.7	5.3	4.2	5.1			5.1	25.4	35.4	7.5
1-10	3.0	5.1		3.7	3.3	4.1	5.7			5.6	27.6	45.1	7.7
11-20	4.0	2.2		3.7	3.2	4.3	5.1			7.4	24.7	44.4	5.1
21-30	5.0	3.0		5.1	4.6	2.9	3.5			5.6	16.5	45.9	7.4
31-40	11.4	5.3		3.2	5.7	3.3	3.5			5.0	12.6	42.9	7.2
41-50													
51-60													
61-70													
71-80													
81-90													
TOTALS				4.2	4.1	3.3	4.5			5.2	16.7	47.3	7.1

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

<u>EIGHTS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10  
Scattered was converted to 3/10  
Broken was converted to 9/10  
Overcast was converted to 10/10  
Obscured was converted to 10/10

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-85  
MONTH: ALL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		40.2	46.3	51.1	53.2	55.9	58.5	59.9	61.3	62.0	62.4	62.9	63.5	63.7	64.3	
GE 4500		41.2	47.2	52.4	54.6	57.3	60.0	61.4	62.9	63.6	63.9	64.4	65.1	65.2	65.8	
GE 4000		42.9	49.1	54.4	56.7	59.5	62.2	63.7	65.1	65.8	66.2	66.7	67.4	67.5	68.1	
GE 3500		44.4	50.8	56.3	58.6	61.4	64.2	65.7	67.2	67.9	68.3	68.8	69.5	69.6	70.2	
GE 3000		46.4	53.0	58.7	61.0	64.0	66.9	68.4	70.0	70.7	71.1	71.6	72.3	72.4	73.0	
GE 2500		48.7	55.5	61.5	64.0	67.0	70.0	71.6	73.2	74.0	74.4	74.9	75.6	75.7	76.3	
GE 2000		50.7	57.9	64.2	66.7	70.0	73.1	74.9	76.5	77.3	77.8	78.3	79.0	79.1	79.7	
GE 1800		51.4	58.9	65.2	67.9	71.3	74.5	76.2	77.9	78.7	79.2	79.7	80.4	80.5	81.2	
GE 1500		52.7	60.5	67.4	70.2	73.8	77.2	79.0	80.8	81.6	82.1	82.6	83.3	83.5	84.1	
GE 1200		53.9	62.3	69.6	72.7	76.7	80.3	82.3	84.2	85.0	85.5	86.0	86.8	86.9	87.5	
GE 1000		54.3	62.9	70.5	73.8	78.1	82.1	84.1	86.1	87.0	87.5	88.1	88.8	88.9	89.6	
GE 900		54.4	63.1	70.9	74.2	78.7	82.8	84.9	87.0	87.9	88.4	89.0	89.7	89.9	90.5	
GE 800		54.5	63.4	71.3	74.8	79.5	83.9	86.1	88.2	89.2	89.7	90.3	91.0	91.2	91.8	
GE 700		54.6	63.5	71.6	75.2	80.0	84.6	87.0	89.3	90.3	90.9	91.5	92.2	92.4	93.0	
GE 600		54.6	63.5	71.7	75.4	80.4	85.3	87.7	90.2	91.3	91.9	92.5	93.3	93.5	94.1	
GE 500		54.6	63.7	71.8	75.6	80.7	86.0	88.6	91.4	92.6	93.2	93.9	94.7	94.9	95.5	
GE 400		54.7	63.7	71.9	75.7	80.9	86.3	89.1	92.1	93.4	94.1	94.9	95.8	96.0	96.6	
GE 300		54.7	63.7	71.9	75.7	81.0	86.4	89.3	92.5	93.9	94.7	95.6	96.7	96.9	97.6	
GE 200		54.7	63.7	71.9	75.7	81.0	86.5	89.4	92.6	94.1	95.0	96.0	97.3	97.5	98.5	
GE 100		54.7	63.7	71.9	75.7	81.0	86.5	89.4	92.6	94.1	95.0	96.1	97.5	97.8	99.5	
GE 0		54.7	63.7	71.9	75.7	81.0	86.5	89.4	92.6	94.1	95.0	96.1	97.5	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 77011

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			26.9	32.6	37.5	39.5	41.5	44.1	45.8	47.6	48.3	48.7	49.3	50.0	50.1	50.5	
GE 4500			27.9	33.7	38.7	40.8	42.9	45.7	47.5	49.3	50.0	50.4	51.0	51.7	51.9	52.3	
GE 4000			29.5	35.5	40.6	43.0	45.3	48.2	50.0	51.9	52.6	53.0	53.6	54.4	54.5	54.9	
GE 3500			30.7	36.9	42.2	44.6	47.2	50.3	52.1	54.1	54.8	55.2	55.9	56.7	56.9	57.3	
GE 3000			32.9	39.4	44.8	47.4	50.2	53.5	55.5	57.6	58.4	58.8	59.5	60.3	60.5	60.9	
GE 2500			34.9	41.5	47.2	50.0	52.9	56.5	58.7	60.9	61.7	62.2	62.9	63.7	63.9	64.3	
GE 2000			36.4	43.2	49.1	52.0	55.0	58.9	61.3	63.6	64.5	65.0	65.7	66.7	66.8	67.2	
GE 1800			37.1	44.1	50.2	53.2	56.3	60.3	62.7	65.1	66.0	66.5	67.2	68.1	68.3	68.7	
GE 1500			39.0	46.8	53.3	56.5	59.9	64.1	66.7	69.1	70.2	70.6	71.4	72.4	72.6	73.0	
GE 1200			41.0	49.7	56.8	60.6	64.8	69.4	72.3	74.9	76.0	76.4	77.3	78.3	78.4	78.9	
GE 1000			41.9	51.1	58.6	62.8	67.6	72.4	75.4	78.1	79.2	79.7	80.6	81.6	81.8	82.2	
GE 900			42.1	51.4	59.1	63.3	68.3	73.3	76.3	79.1	80.2	80.7	81.6	82.6	82.8	83.2	
GE 800			42.4	51.8	59.7	64.1	69.4	74.7	77.9	80.7	81.8	82.3	83.2	84.2	84.3	84.8	
GE 700			42.7	52.2	60.3	64.8	70.4	76.2	79.6	82.7	83.9	84.4	85.3	86.4	86.5	87.0	
GE 600			42.7	52.3	60.5	65.1	70.9	77.1	80.7	84.1	85.4	86.0	86.9	88.0	88.2	88.6	
GE 500			42.8	52.4	60.6	65.4	71.3	78.0	82.0	85.8	87.3	88.0	89.0	90.2	90.4	90.8	
GE 400			42.8	52.4	60.7	65.5	71.6	78.6	82.8	87.0	88.6	89.6	90.8	92.1	92.2	92.7	
GE 300			42.9	52.5	60.7	65.6	71.7	78.9	83.3	87.9	89.8	91.0	92.4	94.1	94.4	94.9	
GE 200			42.9	52.5	60.7	65.6	71.7	78.9	83.4	88.2	90.2	91.5	93.4	95.8	96.2	97.3	
GE 100			42.9	52.5	60.7	65.6	71.7	79.0	83.4	88.2	90.3	91.6	93.6	96.4	97.0	99.6	
GE 0			42.9	52.5	60.7	65.6	71.7	79.0	83.4	88.2	90.3	91.6	93.6	96.4	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6574

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL															
GE 20000															
GE 18000															
GE 16000															
GE 14000															
GE 12000															
GE 10000															
GE 9000															
GE 8000															
GE 7000															
GE 6000															
GE 5000		33.3	37.4	41.5	43.1	44.3	47.1	48.3	49.5	50.4	50.5	51.1	52.1	52.1	52.5
GE 4500		34.7	38.8	43.3	45.3	46.4	49.3	50.7	52.0	52.9	53.0	53.6	54.6	54.7	55.1
GE 4000		36.7	41.4	45.9	48.0	49.5	52.5	54.0	55.2	56.1	56.2	56.9	57.9	58.0	58.4
GE 3500		37.8	42.5	47.1	49.3	51.1	54.5	56.0	57.2	58.4	58.6	59.2	60.2	60.3	60.7
GE 3000		40.0	44.9	49.5	51.6	53.5	57.2	58.7	60.2	61.3	61.6	62.2	63.2	63.3	63.7
GE 2500		41.1	46.1	50.9	53.2	55.1	59.5	61.2	62.7	63.8	64.2	64.8	65.8	66.0	66.3
GE 2000		42.5	47.9	52.7	55.5	57.5	62.0	64.2	65.8	67.1	67.5	68.1	69.1	69.2	69.6
GE 1800		43.1	49.1	54.2	57.0	59.0	63.6	66.0	67.6	68.8	69.2	69.8	70.8	70.9	71.3
GE 1500		44.0	51.2	56.6	59.4	61.6	66.2	68.8	70.6	72.1	72.4	73.1	74.1	74.2	74.6
GE 1200		46.9	54.7	61.3	64.2	67.3	72.1	75.3	77.3	78.8	79.2	79.8	80.8	80.9	81.3
GE 1000		47.3	55.7	62.7	66.0	69.3	74.3	77.6	79.7	81.3	81.7	82.3	83.3	83.4	83.8
GE 900		47.6	56.2	63.6	67.0	70.3	75.3	78.6	80.7	82.3	82.7	83.3	84.3	84.4	84.8
GE 800		48.1	56.9	64.6	68.2	71.8	77.3	80.5	82.7	84.3	84.7	85.3	86.3	86.4	86.8
GE 700		48.5	57.5	65.2	69.2	72.9	78.6	81.9	84.2	85.9	86.3	87.0	88.0	88.2	88.5
GE 600		48.5	57.5	65.2	69.2	73.2	78.9	82.4	84.9	86.7	87.0	87.8	88.8	88.9	89.3
GE 500		48.5	57.5	65.2	69.2	73.4	79.3	83.4	86.2	88.3	88.9	89.8	91.0	91.1	91.5
GE 400		48.6	57.6	65.5	69.5	73.8	79.8	84.0	87.2	89.4	90.1	91.1	92.4	92.5	92.9
GE 300		48.6	57.6	65.5	69.5	73.8	80.0	84.4	88.0	90.6	91.4	92.6	94.1	94.3	94.6
GE 200		48.6	57.6	65.5	69.5	73.8	80.0	84.4	88.4	91.3	92.3	94.0	96.0	96.1	96.6
GE 100		48.6	57.6	65.5	69.5	73.8	80.0	84.4	88.4	91.3	92.4	94.3	96.5	96.9	99.0
GE 0		48.6	57.6	65.5	69.5	73.8	80.0	84.4	88.4	91.3	92.4	94.3	96.5	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CELL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			30.7	36.4	39.6	41.3	42.8	45.4	47.8	49.0	49.5	50.0	51.1	51.7	51.8	52.3	
GE 4500			31.7	37.6	41.0	42.8	44.5	47.2	49.8	51.0	51.5	51.9	53.0	53.6	53.8	54.2	
GE 4000			33.6	39.8	43.3	45.4	47.3	50.0	52.5	53.9	54.4	54.9	55.9	56.6	56.7	57.2	
GE 3500			34.6	41.0	44.7	46.7	48.7	51.7	54.4	55.7	56.3	56.8	57.9	58.5	58.6	59.1	
GE 3000			36.4	42.8	46.5	48.5	50.6	53.9	56.8	58.3	59.0	59.5	60.6	61.2	61.3	61.8	
GE 2500			37.6	44.2	47.9	50.0	52.1	55.7	58.7	60.3	61.0	61.5	62.6	63.2	63.3	63.8	
GE 2000			39.0	46.3	49.8	51.9	54.0	58.0	61.5	63.2	64.0	64.4	65.5	66.1	66.3	66.7	
GE 1800			39.3	46.7	50.5	52.7	54.7	58.9	62.4	64.1	64.8	65.3	66.4	67.0	67.1	67.7	
GE 1500			41.6	50.5	54.6	56.9	59.2	63.7	67.5	69.2	70.3	70.8	72.0	72.6	72.7	73.3	
GE 1200			44.3	54.1	59.1	61.9	65.2	70.5	74.6	76.5	77.7	78.3	79.5	80.1	80.2	80.8	
GE 1000			45.5	55.7	60.8	64.0	67.6	73.4	77.7	79.6	80.8	81.4	82.8	83.4	83.5	84.1	
GE 900			45.9	56.1	61.3	64.4	68.2	74.2	78.4	80.3	81.6	82.2	83.5	84.1	84.2	84.8	
GE 800			46.1	56.3	61.7	64.8	68.7	75.0	79.4	81.4	82.6	83.3	84.6	85.2	85.3	85.9	
GE 700			46.1	56.7	62.1	65.3	70.1	76.8	81.3	83.7	85.2	85.9	87.3	87.9	88.0	88.6	
GE 600			46.1	56.7	62.1	65.3	70.4	77.9	82.5	85.2	86.8	87.6	89.1	89.7	89.8	90.4	
GE 500			46.1	56.7	62.1	65.5	71.1	78.9	83.9	86.9	88.5	89.3	90.8	91.4	91.5	92.1	
GE 400			46.1	56.7	62.1	65.5	71.1	79.2	84.3	87.9	89.6	90.5	92.0	92.6	92.7	93.3	
GE 300			46.1	56.7	62.1	65.7	71.2	80.1	85.3	89.2	90.9	92.0	93.6	94.8	94.9	95.6	
GE 200			46.1	56.7	62.1	65.7	71.2	80.2	85.4	89.7	91.5	92.6	94.5	96.2	96.4	97.9	
GE 100			46.1	56.7	62.1	65.7	71.2	80.2	85.4	89.7	91.5	92.6	94.9	96.7	96.8	99.9	
GE 0			46.1	56.7	62.1	65.7	71.2	80.2	85.4	89.7	91.5	92.6	94.9	96.7	96.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 824



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 412

341

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		25.0	31.4	37.2	38.5	40.8	44.4	46.0	47.1	47.5	47.8	48.4	48.6	48.9	49.1		
GE 4500		25.5	32.1	37.9	39.2	41.5	45.1	46.7	47.8	48.3	48.5	49.1	49.3	49.6	49.8		
GE 4000		27.2	33.8	39.8	41.3	43.7	47.3	48.9	49.9	50.4	50.7	51.3	51.5	51.7	52.0		
GE 3500		28.0	34.9	41.4	43.0	45.7	49.5	51.1	52.2	52.9	53.2	54.0	54.3	54.5	54.8		
GE 3000		30.8	37.9	44.6	46.5	49.5	53.8	55.6	56.8	57.5	57.8	58.6	58.8	59.1	59.3		
GE 2500			32.9	40.3	46.9	48.9	51.9	56.4	58.6	60.0	60.8	61.0	62.0	62.2	62.5	62.7	
GE 2000			34.4	41.9	49.1	51.1	54.4	59.4	61.6	63.3	64.0	64.3	65.2	65.5	65.7	65.9	
GE 1800			35.0	42.8	50.1	52.1	55.4	60.5	62.8	64.6	65.3	65.6	66.5	66.8	67.0	67.3	
GE 1500			38.0	47.4	54.9	57.0	60.8	66.1	68.4	70.2	70.9	71.1	72.1	72.3	72.6	72.8	
GE 1200			40.1	50.7	58.8	61.6	66.5	72.1	74.7	76.7	77.5	77.7	78.7	79.1	79.3	79.5	
GE 1000			40.8	51.5	60.4	63.7	69.6	75.3	78.1	80.1	81.0	81.2	82.2	82.6	82.8	83.0	
GE 900			40.9	51.6	60.8	64.3	70.3	76.4	79.2	81.3	82.2	82.4	83.4	83.8	84.0	84.2	
GE 800			41.0	51.7	61.0	64.9	71.0	78.1	81.1	83.1	84.1	84.4	85.3	85.7	85.9	86.2	
GE 700			41.5	52.2	61.5	65.5	72.0	79.7	83.0	85.7	86.6	87.0	88.0	88.4	88.7	88.9	
GE 600			41.6	52.7	62.2	66.3	73.0	81.3	85.0	88.0	88.9	89.3	90.3	90.9	91.1	91.3	
GE 500			41.6	52.7	62.2	66.3	73.0	81.6	85.4	89.0	90.3	90.7	91.9	92.5	92.8	93.0	
GE 400			41.6	52.7	62.2	66.3	73.0	81.9	85.9	89.8	91.0	91.7	93.3	94.1	94.3	94.6	
GE 300			41.6	52.7	62.2	66.3	73.0	82.1	86.2	90.4	92.2	93.1	95.1	96.3	96.6	96.9	
GE 200			41.6	52.7	62.2	66.3	73.0	82.2	86.3	90.5	92.3	93.4	95.9	97.4	98.3	99.3	
GE 100			41.6	52.7	62.2	66.3	73.0	82.2	86.3	90.6	92.4	93.5	96.0	97.5	98.4	100.0	
GE 0			41.6	52.7	62.2	66.3	73.0	82.2	86.3	90.6	92.4	93.5	96	97.5	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 831

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000		20.2	26.4	31.9	35.0	38.4	41.3	43.2	47.3	47.9	48.3	48.9	49.9	50.1	50.7	
GE 4500		21.7	27.8	33.5	36.6	40.4	43.5	45.6	49.6	50.2	50.6	51.2	52.2	52.5	53.1	
GE 4000		23.2	29.4	35.2	38.5	42.6	45.7	47.8	52.0	52.6	53.0	53.6	54.6	54.8	55.4	
GE 3500		24.0	30.8	36.6	40.0	44.2	47.5	49.6	54.1	54.7	55.0	55.7	56.8	57.0	57.6	
GE 3000		26.4	33.4	39.2	42.6	47.3	51.0	53.4	58.3	58.9	59.4	60.0	61.1	61.3	61.9	
GE 2500		28.3	35.5	41.4	44.8	49.5	53.3	55.9	61.0	61.6	62.1	62.7	63.9	64.2	64.8	
GE 2000		29.9	37.4	43.5	47.3	52.1	55.9	58.5	63.5	64.2	64.7	65.5	67.2	67.5	68.1	
GE 1800		30.9	38.5	44.8	48.8	53.7	57.6	60.2	65.3	65.9	66.4	67.4	69.1	69.3	70.0	
GE 1500		32.4	40.3	47.0	51.0	56.3	60.2	62.9	68.1	68.8	69.3	70.4	72.2	72.4	73.0	
GE 1200		33.7	42.4	50.0	54.4	61.0	65.8	69.0	74.1	74.9	75.4	76.6	78.4	78.7	79.3	
GE 1000		34.9	43.6	51.5	56.5	63.5	68.6	71.9	77.6	78.3	78.9	80.2	82.0	82.3	82.9	
GE 900		35.0	43.7	51.6	56.8	63.9	69.0	72.3	78.0	78.7	79.3	80.5	82.4	82.6	83.3	
GE 800		35.7	44.5	52.6	58.0	65.4	70.6	73.9	79.6	80.3	80.9	82.1	84.0	84.2	84.9	
GE 700		36.0	45.3	53.2	58.6	66.4	72.2	75.9	81.8	82.6	83.3	84.5	86.3	86.6	87.2	
GE 600		36.2	45.2	53.4	58.9	66.7	72.7	76.5	82.6	83.5	84.2	85.5	87.3	87.6	88.2	
GE 500		36.3	45.3	53.7	59.2	67.2	73.5	77.7	84.4	85.2	86.1	87.4	89.4	89.7	90.3	
GE 400		36.5	45.4	53.8	59.4	67.5	74.3	79.1	86.2	87.2	88.3	89.8	91.7	92.0	92.7	
GE 300		36.5	45.4	53.8	59.4	67.7	74.5	79.3	86.7	87.9	89.4	91.6	94.2	94.7	95.6	
GE 200		36.5	45.4	53.8	59.4	67.7	74.5	79.3	86.7	87.9	89.4	91.9	95.2	95.7	97.9	
GE 100		36.5	45.4	53.8	59.4	67.7	74.5	79.3	86.7	87.9	89.4	91.9	95.6	96.2	100.0	
GE 0		36.5	45.4	53.8	59.4	67.7	74.5	79.3	86.7	87.9	89.4	91.9	95.6	96.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 812

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(IST): 0600-0800

CEILING IN FEET	GT 160	GE 90	GE 80	GE 63	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000			23.0	30.3	35.7	38.6	40.5	42.0	44.1	46.0	47.0	47.6	48.0	48.9	49.0	49.6
GE 4500			24.2	31.8	37.3	40.1	42.0	43.7	45.7	47.6	48.7	49.3	49.6	50.7	51.0	51.5
GE 4000			25.7	33.4	38.8	41.8	43.9	45.7	47.7	49.8	50.8	51.4	51.8	52.9	53.2	53.8
GE 3500			27.0	35.0	40.7	43.7	46.3	48.1	50.1	52.1	53.2	53.8	54.2	55.2	55.6	56.2
GE 3000			29.6	37.9	43.8	47.1	50.0	52.0	54.0	56.1	57.4	58.0	58.3	59.4	59.7	60.3
GE 2500			31.9	40.5	46.8	50.6	54.2	56.5	58.9	61.0	62.4	62.9	63.3	64.4	64.7	65.3
GE 2000			33.3	42.0	48.7	52.5	56.1	58.6	61.2	63.5	64.8	65.4	65.8	66.9	67.2	67.8
GE 1800			34.1	42.9	49.5	53.4	57.0	59.6	62.2	64.6	65.9	66.5	66.9	67.9	68.3	68.9
GE 1500			36.0	45.0	52.0	56.4	60.2	62.8	65.4	68.1	69.4	70.0	70.3	71.5	71.9	72.4
GE 1200			38.1	48.0	55.2	59.9	64.1	66.9	69.7	72.6	73.9	74.5	74.8	76.0	76.4	77.0
GE 1000			39.1	49.5	57.4	62.1	66.5	69.7	72.7	75.5	76.8	77.4	77.9	79.1	79.5	80.0
GE 900			39.1	49.8	57.6	62.5	67.0	70.4	73.4	76.2	77.6	78.1	78.6	79.8	80.2	80.8
GE 800			39.8	50.8	59.0	63.9	68.8	72.3	75.3	78.3	79.6	80.2	80.6	81.8	82.2	82.8
GE 700			39.9	51.0	59.9	64.8	70.0	73.9	77.0	80.2	81.5	82.1	82.5	83.7	84.1	84.7
GE 600			40.0	51.1	60.1	65.2	70.5	75.1	78.1	81.6	82.9	83.6	84.1	85.3	85.6	86.2
GE 500			40.1	51.2	60.5	65.8	71.5	76.7	80.3	83.8	85.3	86.0	86.7	88.0	88.4	89.0
GE 400			40.1	51.4	60.7	66.3	72.2	78.0	82.3	86.1	88.1	89.3	90.1	91.8	92.2	92.8
GE 300			40.1	51.4	60.7	66.4	72.3	78.3	83.3	87.5	90.0	91.3	92.6	94.4	94.9	95.6
GE 200			40.1	51.4	60.7	66.4	72.3	78.3	83.3	87.8	90.4	91.9	93.6	96.0	96.4	97.5
GE 100			40.1	51.4	60.7	66.4	72.3	78.3	83.3	87.9	90.6	92.2	93.8	96.7	97.3	99.6
GE 0			40.1	51.4	60.7	66.4	72.3	78.3	83.3	87.9	90.6	92.2	93.8	96.7	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 842

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1500																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 816

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: DEC HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000																	
GE 3500																	
GE 3000																	
GE 2500																	
GE 2000																	
GE 1800																	
GE 1600																	
GE 1400																	
GE 1200																	
GE 1000																	
GE 900																	
GE 800																	
GE 700																	
GE 600																	
GE 500																	
GE 400																	
GE 300																	
GE 200																	
GE 100																	
GE 0																	

TOTAL NUMBER OF OBSERVATIONS: 835

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			34.1	39.5	43.2	44.7	47.1	49.7	50.8	52.3	52.8	53.1	53.6	54.3	54.5	55.3	
GE 4500			35.5	41.2	44.9	46.5	48.9	51.6	52.8	54.4	54.9	55.2	55.7	56.5	56.6	57.5	
GE 4000			37.6	43.5	47.4	49.1	51.5	54.3	55.6	57.2	57.8	58.1	58.6	59.3	59.5	60.3	
GE 3500			39.4	45.4	49.5	51.2	53.7	56.5	57.8	59.5	60.1	60.3	60.8	61.6	61.8	62.6	
GE 3000			41.4	47.7	52.1	53.9	56.6	59.5	60.7	62.5	63.1	63.4	63.9	64.7	64.9	65.7	
GE 2500			43.7	50.7	55.3	57.3	60.1	63.2	64.5	66.3	66.9	67.2	67.8	68.6	68.8	69.6	
GE 2000			45.8	53.2	58.1	60.2	63.3	66.7	68.2	70.2	70.9	71.2	71.7	72.6	72.7	73.6	
GE 1800			46.8	54.3	59.5	61.7	64.9	68.4	69.9	72.0	72.7	73.0	73.6	74.4	74.6	75.4	
GE 1500			48.3	56.5	62.1	64.4	67.8	71.5	73.1	75.3	75.9	76.2	76.9	77.7	77.9	78.7	
GE 1200			49.8	58.7	64.9	67.4	71.2	75.0	76.7	79.0	79.7	80.0	80.7	81.5	81.7	82.5	
GE 1000			50.4	59.5	66.2	69.0	73.1	77.2	79.1	81.5	82.2	82.5	83.1	84.0	84.1	85.0	
GE 900			50.5	59.9	66.7	69.5	73.8	78.2	80.1	82.5	83.2	83.5	84.2	85.0	85.2	86.0	
GE 800			50.7	60.2	67.0	70.1	74.8	79.4	81.3	83.9	84.8	85.1	85.7	86.6	86.7	87.6	
GE 700			50.7	60.2	67.3	70.5	75.5	80.5	82.5	85.2	86.1	86.5	87.2	88.0	88.2	89.0	
GE 600			50.7	60.3	67.4	70.7	75.9	81.1	83.3	86.3	87.4	87.8	88.4	89.3	89.5	90.3	
GE 500			50.8	60.3	67.5	70.8	76.4	82.1	84.6	88.0	89.3	89.7	90.5	91.3	91.5	92.4	
GE 400			50.8	60.3	67.6	70.9	76.6	82.6	85.2	88.9	90.3	90.9	91.7	92.6	92.8	93.7	
GE 300			50.8	60.4	67.6	70.9	76.6	82.7	85.4	89.3	90.9	91.7	92.6	93.9	94.1	95.1	
GE 200			50.8	60.4	67.6	71.0	76.6	82.7	85.4	89.5	91.1	92.0	93.1	94.7	95.0	96.3	
GE 100			50.8	60.4	67.6	71.0	76.6	82.7	85.5	89.5	91.2	92.0	93.3	95.2	95.6	98.5	
GE	n		50.8	60.4	67.6	71.0	76.6	82.7	85.5	89.5	91.2	92.0	93.3	95.2	95.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6437

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 063500 STATION NAME: GILZE-RIJEN NETHERLANDS

PERIOD OF RECORD: 75-84  
MONTH: NOV HOURS(LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	63	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000			39.0	43.3	45.4	46.6	48.5	50.8	51.4	54.2	54.7	55.1	55.6	56.0	56.1	57.0	
GE 4500			40.2	44.3	46.8	48.1	50.0	52.4	53.2	56.0	56.5	56.9	57.4	57.7	57.9	58.8	
GE 4000			42.6	46.7	49.5	50.8	52.7	55.1	55.8	58.6	59.3	59.6	60.2	60.5	60.7	61.5	
GE 3500			45.6	49.6	52.7	53.9	56.1	58.5	59.3	62.1	62.7	63.1	63.6	64.0	64.1	65.0	
GE 3000			46.7	50.9	53.9	55.3	58.0	60.7	61.4	64.2	64.8	65.2	65.7	66.1	66.2	67.1	
GE 2500			48.9	53.3	56.7	58.1	60.8	63.8	64.6	67.4	68.0	68.4	68.9	69.3	69.4	70.3	
GE 2000			51.0	56.0	60.0	61.4	64.3	67.8	68.5	71.6	72.2	72.6	73.4	73.7	73.9	74.7	
GE 1800			52.2	57.1	61.3	63.2	66.1	69.5	70.3	73.5	74.1	74.5	75.3	75.6	75.8	76.6	
GE 1500			54.2	59.3	64.0	65.9	68.8	72.5	73.4	76.9	77.5	77.9	78.7	79.1	79.2	80.1	
GE 1200			56.5	61.9	67.0	68.9	72.0	76.1	77.0	80.7	81.5	81.9	82.6	83.0	83.1	84.0	
GE 1000			57.6	63.1	68.1	70.1	73.4	77.8	78.7	82.5	83.2	83.6	84.4	84.8	84.9	85.8	
GE 900			58.0	63.6	68.7	70.6	74.2	78.7	79.6	83.4	84.1	84.5	85.3	85.7	85.8	86.7	
GE 800			58.4	64.1	69.2	71.3	75.3	80.1	81.1	85.0	85.9	86.3	87.1	87.4	87.6	88.5	
GE 700			58.4	64.3	69.7	71.8	75.9	81.0	82.1	86.4	87.3	87.7	88.6	89.0	89.1	90.0	
GE 600			58.4	64.3	69.7	71.8	76.0	81.5	82.9	87.8	89.0	89.3	90.2	90.7	90.9	91.8	
GE 500			58.4	64.3	69.7	72.0	76.4	82.0	83.5	88.6	89.8	90.2	91.4	91.9	92.0	93.0	
GE 400			58.4	64.3	69.8	72.1	76.8	82.9	84.6	90.2	91.5	91.9	93.0	93.8	93.9	94.9	
GE 300			58.4	64.3	69.8	72.1	76.8	82.9	84.6	90.5	91.9	92.5	93.8	94.7	94.8	95.8	
GE 200			58.4	64.3	69.8	72.1	76.8	82.9	84.6	90.6	92.3	92.9	94.4	95.6	95.7	96.8	
GE 100			58.4	64.3	69.8	72.1	76.8	82.9	84.6	90.6	92.3	93.0	94.5	96.2	96.3	98.4	
GE 0			58.4	64.3	69.8	72.1	76.8	82.9	84.6	90.6	92.3	93.0	94.5	96.2	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 798







7-15-1985

## 19.

75-24

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

AL CLIMATOLOGY PLAN  
 UTAC  
 STATION SER ICH/MAC

# SKY COVER

STATION 0 HIDE-HID W AL THE PLANDS

75-24

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											TOTAL OCCUR	
		0	1	2	3	4	5	6	7	8	9	10		
MAY	0-07	16.0	9.9		0.2	6.4	4.1	4.1		7.0	16.1	26.5	5.0	875
	08-15	10.4	11.9		7.1	7.5	6.2	4.6		7.1	15.2	29.9	6.0	758
	16-23	0.3	4.9		6.3	7.1	5.1	7.7		9.5	20.3	27.8	6.7	779
	24-31	0.7	9.1		4.1	5.3	4.4	7.3		13.7	23.4	26.1	6.9	756
	1-14	2.4	5.6		5.0	6.9	4.9	9.2		13.2	27.6	24.4	7.3	779
	15-20	2.4	5.0		5.4	6.5	5.7	10.0		14.7	29.0	21.1	7.3	753
	21-23	4.3	5.6		6.9	7.4	5.9	8.8		12.4	25.6	23.1	7.0	769
	24-26	0.2	4.6		6.5	7.9	4.3	7.5		8.3	12.0	24.7	6.7	773
	27-31													
TOTALS		10.0	6.3		6.4	6.9	5.3	7.4		10.9	27.0	25.5	6.7	6176

USAFETAC

FORM  
 JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





AL CLIMATE DATA  
 STATION  
 SERVICE/AC

# SKY COVER

STATION NAME WILHELMIA, NETHERLANDS 75-14 AND

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL PERCENTAGE	OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10	
1-10		21.7	11.0		11.0	7.6	2.8	5.4		0.4	14.7	15.2	4.0
1-11		1.1	12.7		7.6	5.6	3.6	6.6		7.1	15.2	23.4	5.4
1-12		5.1	12.7		7.5	5.9	5.7	6.2		10.2	25.5	19.4	6.3
1-13		17.2	17.5		7.5	6.5	5.3	9.3		12.5	22.1	18.6	6.7
1-14		6.7	4.1		6.1	5.6	8.5	11.4		13.9	23.6	16.7	6.5
1-15		5.5	4.0		6.2	7.7	7.9	7.4		14.0	26.5	13.4	6.4
1-16		10.0	7.7		6.6	8.1	6.7	9.2		15.1	21.8	12.0	5.8
1-17		15.4	1.2		11.7	10.7	7.3	5.3		8.0	17.7	14.7	5.7
TOTALS		1.2	10.3		.1	7.1	6.3	7.4		15.9	20.9	17.2	5.9





AL CLIMATOLOGY BRANCH  
 TAC  
 WEATHER SERVICE

# SKY COVER

STATION WILHELM-RUEN NETHERLANDS

75-24

001

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL OCCURRENCE	
		0	1	2	3	4	5	6	7	8	9			10
00-01	11.7	3.7			7.7	5.7	4.0	5.3		6.6	15.3	32.9	6.3	630
01-02	15.7	4.7			6.6	6.9	5.4	6.2		6.9	11.5	37.3	6.4	636
02-03	8.7	3.7			6.6	5.7	4.4	6.2		11.7	16.7	36.1	7.1	627
03-04	8.2	6.6			6.2	5.1	5.0	6.3		11.3	29.3	28.3	7.4	623
04-05	7.2	4.1			3.5	4.6	6.7	10.5		11.9	28.3	29.9	7.7	630
05-06	7.0	3.5			4.5	5.5	6.1	9.3		11.3	29.8	28.2	7.6	617
06-07	4.4	6.4			7.7	8.5	4.9	5.7		11.0	19.6	33.2	7.1	634
07-08	11.7	6.7			7.1	9.1	4.1	5.5		7.3	17.2	35.4	6.5	603
TOTALS		7.2	6.3		6.2	6.3	5.1	6.9		9.7	27.2	32.5	7.2	6620

AL CLIMATOLOGY BRANCH  
TAC  
STATION SERVICE/MAC

# SKY COVER

STATION

SIL E-RIDEN, NETHERLANDS

75-84

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
NO	0-00	5.7	7.1		5.5	5.8	4.3	4.6		5.3	13.5	41.7	7.7	827
	01-04	11.7	6.7		4.2	5.6	4.2	5.3		6.2	13.9	43.7	7.7	824
	05-08	7.2	4.1		5.0	4.8	3.7	4.6		5.0	15.2	41.7	7.2	826
	09-11	3.4	7.3		5.3	4.4	3.1	5.5		8.5	27.7	36.1	7.6	798
	12-14	3.3	4.4		5.3	4.4	5.3	4.3		11.7	30.0	33.7	7.8	796
	15-17	4.1	3.7		4.3	5.1	3.9	3.9		10.8	29.9	35.2	7.6	785
	18-20	5.2	6.2		6.1	7.1	4.3	5.2		6.2	17.2	40.5	7.7	791
	21-23	7.2	7.8		5.8	6.2	5.3	5.2		8.6	17.8	40.5	7.7	771
						</								

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SKY COVER

75-84

10

[illegible]



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.



## PSYCHROMETRIC SUMMARY

MONTH

[illegible]

USAFETAC  
FORM  
0265 (OLA)  
REV SEP PREVIOUS EDITIONS FOR THIS FORM ARE OBSOLETE



[illegible]

DATE - FEBRUARY 1967

0 26 5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS WORK ARE CANCELLED

USAFETAC

STATION	STATION NAME	YEARS	MONTH

USAFETAC  
FORM  
NO. 84  
0 26 5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 08-21-2001 BY SP-10/AL

MONTH

$$i = j$$
[illegible]

STATION	STATION NAME	YEARS	MONTH

USAFETAC FORM JUL 64 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



[illegible]

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YEARS

MONTH

1300-0000  
HOURS 11.5. T.

[illegible]

1. *Staphylococcus aureus* (ATCC 12228)  
 2. *Staphylococcus aureus* (ATCC 12228)  
 3. *Staphylococcus aureus* (ATCC 12228)

MONTH

[illegible]





AT.

STATION

STATION NAME

YEARS

100-443887-100

USAF ETAC FORM 0-88-5 (OLA)

4. AT LEAST ONE, BY LESS THAN 24 HOURS









USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

[illegible]

USAFETAC  
FORM  
JUL 64  
0 26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

USAFETAC  
FORM  
JUL 64  
0-20-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]



ALBANY, N.Y., Dec. 10 (AP) —

MONTH

**HOURS (L. S. T.):**

USAFETAC FORM 0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RECEIVED  
FEB 10 1964

USAFETAC  
FORM  
NAJ 04  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70				.4	.1	.0												7	7					
71				1.1	.7	.1												11	11					
72			.7	2.0	.7	.1												17	17					
73		.1	1.1	1.6	.4	.1												21	21	6				
74	.4	1.7	2.4	.7	.7	.7												26	26	11	7			
75	.7	2.4	1.7	1.1	.1													31	31	16	6			
76	.7	2.4	.7	.7	.4	.1												36	36	21	11			
77	1.1	2.4	1.7	1.7	.4	.1												41	41	26	16			
78	.7	2.4	.7	.7	.7	.7												46	46	31	21			
79	.7	2.4	.7	1.1	.4													51	51	36	26			
80	.7	2.4	.7	1.7	.1													56	56	41	31			
81	.7	2.4	.7	2.0	.1													61	61	46	36			
82	.7	2.4	.7	2.4	.1													66	66	51	41			
83	.7	2.4	.7	2.7	.1													71	71	56	46			
84	.7	2.4	.7	3.0	.1													76	76	61	51			
85	.7	2.4	.7	3.4	.1													81	81	66	56			
86	.7	2.4	.7	3.7	.1													86	86	71	61			
87	.7	2.4	.7	4.0	.1													91	91	76	66			
88	.7	2.4	.7	4.4	.1													96	96	81	71			
89	.7	2.4	.7	4.7	.1													101	101	86	76			
90	.7	2.4	.7	5.0	.1													106	106	91	81			
91	.7	2.4	.7	5.4	.1													111	111	96	86			
92	.7	2.4	.7	5.7	.1													116	116	101	91			
93	.7	2.4	.7	6.0	.1													121	121	106	96			
94	.7	2.4	.7	6.4	.1													126	126	111	101			
95	.7	2.4	.7	6.7	.1													131	131	116	106			
96	.7	2.4	.7	7.0	.1													136	136	121	111			
97	.7	2.4	.7	7.4	.1													141	141	126	116			
98	.7	2.4	.7	7.7	.1													146	146	131	121			
99	.7	2.4	.7	8.0	.1													151	151	136	126			
100	.7	2.4	.7	8.4	.1													156	156	141	131			
101	.7	2.4	.7	8.7	.1													161	161	146	136			
102	.7	2.4	.7	9.0	.1													166	166	151	141			
103	.7	2.4	.7	9.4	.1													171	171	156	146			
104	.7	2.4	.7	9.7	.1													176	176	161	151			
105	.7	2.4	.7	10.0	.1													181	181	166	156			
106	.7	2.4	.7	10.4	.1													186	186	171	161			
107	.7	2.4	.7	10.7	.1													191	191	176	166			
108	.7	2.4	.7	11.0	.1													196	196	181	171			
109	.7	2.4	.7	11.4	.1													201	201	186	176			
110	.7	2.4	.7	11.7	.1													206	206	191	181			
111	.7	2.4	.7	12.0	.1													211	211	196	186			
112	.7	2.4	.7	12.4	.1													216	216	201	191			
113	.7	2.4	.7	12.7	.1													221	221	206	196			
114	.7	2.4	.7	13.0	.1													226	226	211	201			
115	.7	2.4	.7	13.4	.1													231	231	216	206			
116	.7	2.4	.7	13.7	.1													236	236	221	211			
117	.7	2.4	.7	14.0	.1													241	241	226	216			
118	.7	2.4	.7	14.4	.1													246	246	231	221			
119	.7	2.4	.7	14.7	.1													251	251	236	226			
120	.7	2.4	.7	15.0	.1													256	256	241	231			
121	.7	2.4	.7	15.4	.1													261	261	246	236			
122	.7	2.4	.7	15.7	.1													266	266	251	241			
123	.7	2.4	.7	16.0	.1													271	271	256	246			
124	.7	2.4	.7	16.4	.1													276	276	261	251			
125	.7	2.4	.7	16.7	.1													281	281	266	256			
126	.7	2.4	.7	17.0	.1													286	286	271	261			
127	.7	2.4	.7	17.4	.1													291	291	276	266			
128	.7	2.4	.7	17.7	.1													296	296	281	271			
129	.7	2.4	.7	18.0	.1													301	301	286	276			
130	.7	2.4	.7	18.4	.1													306	306	291	281			
131	.7	2.4	.7	18.7	.1													311	311	296	286			
132	.7	2.4	.7	19.0	.1													316	316	301	291			
133	.7	2.4	.7	19.4	.1													321	321	306	296			
134	.7	2.4	.7	19.7	.1													326	326	311	301			
135	.7	2.4	.7	20.0	.1													331	331	316	306			
136	.7	2.4	.7	20.4	.1													336	336	321	311			
137	.7	2.4	.7	20.7	.1													341	341	326	316			
138	.7	2.4	.7	21.0	.1													346	346	331	321			
139	.7	2.4	.7	21.4	.1													351	351	336	326			
140	.7	2.4	.7	21.7	.1													356	356	341	331			
141	.7	2.4	.7	22.0	.1													361	361	346	336			
142	.7	2.4	.7	22.4	.1													366	366	351	341			
143	.7	2.4	.7	22.7	.1													371	371	356	346			
144	.7	2.4	.7	23.0	.1													376	376	361	351			
145	.7	2.4	.7	23.4	.1													381	381	366	356			
146	.7	2.4	.7	23.7	.1													386	386	371	361			
147	.7	2.4	.7	24.0	.1													391	391	376	366			
148	.7	2.4	.7	24.4	.1													396	396	381	371			
149	.7	2.4	.7	24.7	.1													401	401	386	376			
150	.7	2.4	.7	25.0	.1													406	406	391	381			
151	.7	2.4	.7	25.4	.1													411	411	396	386			
152	.7	2.4	.7	25.7	.1													416	416	401	391			
153	.7	2.4	.7	26.0	.1													421	421	406	396			
154	.7	2.4	.7	26.4	.1													426	426	411	401			
155	.7	2.4	.7	26.7	.1													431	431	416	406			
156	.7	2.4	.7	27.0	.1													436	436	421	411			
157	.7	2.4	.7	27.4	.1													441	441	426	416			
158	.7	2.4	.7	27.7	.1													446	446	431	421			
159	.7	2.4	.7	28.0	.1													451	451	436	426			
160	.7	2.4	.7	28.4	.1													456	456	441	431			
161	.7	2.4	.7	28.7	.1													461	461	446	436			
162	.7	2.4	.7	29.0	.1													466	466	451	441			
163	.7	2.4	.7	29.4	.1													471	471	456	446			
164	.7	2.4	.7	29.7	.1													476	476	461	451			
165	.7	2.4	.7	30.0	.1													481	481	466	456			
166	.7	2.4	.7	30.4	.1													486	486	471	461			

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 08-28-2001 BY 60322 UCBAW

1230-2000  
HOURS (L. S. T.)

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4. STATION SERVICE UNIT

76-95

**YEARS**

• • •

MONTH

1150-211  
HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

MONTH

HOURS (L, S, T.)

[illegible]

THE UNIVERSITY OF CHICAGO  
CHICAGO, ILL. 60637

[illegible]

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_X$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Re. Hum.	67.26157	74.795	89.9	9.953	841							
Dry Bulb	13.2211	13337	39.6	6.969	841		16.1					57
Wet Bulb	12.74743	12261	38.4	6.592	841		18.1					57
Dew Point	11.5464	10718	36.5	7.217	841		23.1					57

[illegible]

STATION	STATION NAME

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

STATION NAME: 72-45 YEARS: 1950-1951 MONTH: 1950-1951  
 STATION: 72-45 STATION NAME: 72-45 YEARS: 1950-1951 MONTH: 1950-1951  
 HOURS (L.S.T.): 1950-1951

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
67																																				
68	.1				.1																															
69	.1	.1			.1																															
70	.1	.1	.1		.1																															
71	.1	.1	.1	.1	.1																															
72	.1	.1	.1	.1	.1																															
73	.1	.1	.1	.1	.1																															
74	.1	.1	.1	.1	.1																															
75	.1	.1	.1	.1	.1																															
76	.1	.1	.1	.1	.1																															
77	.1	.1	.1	.1	.1																															
78	.1	.1	.1	.1	.1																															
79	.1	.1	.1	.1	.1																															
80	.1	.1	.1	.1	.1																															
81	.1	.1	.1	.1	.1																															
82	.1	.1	.1	.1	.1																															
83	.1	.1	.1	.1	.1																															
84	.1	.1	.1	.1	.1																															
85	.1	.1	.1	.1	.1																															
86	.1	.1	.1	.1	.1																															
87	.1	.1	.1	.1	.1																															
88	.1	.1	.1	.1	.1																															
89	.1	.1	.1	.1	.1																															
90	.1	.1	.1	.1	.1																															
91	.1	.1	.1	.1	.1																															
92	.1	.1	.1	.1	.1																															
93	.1	.1	.1	.1	.1																															
94	.1	.1	.1	.1	.1																															
95	.1	.1	.1	.1	.1																															
96	.1	.1	.1	.1	.1																															
97	.1	.1	.1	.1	.1																															
98	.1	.1	.1	.1	.1																															
99	.1	.1	.1	.1	.1																															
100	.1	.1	.1	.1	.1																															
TOTAL	6.1	6.1	6.1	6.1	6.1																															
Element (X)																																				
Rel. Hum.	10677	76753	41.3	7.985	835	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb	117445	71611	37.8	7.106	836		23.0																													
Wet Bulb	117243	71771	36.9	6.784	835		25.3																													
Dew Point	106727	71609	36.5	7.170	835		30.9																													

USAFETAC FORM 0-26.5 (OL A) 1-1-50 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

MONTH

USAFETAC  
FORM  
JUL 04  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

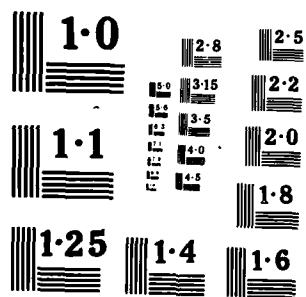
HOURS 11, 5, 7.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
70	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
71	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
72	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
73	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
74	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
75	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
76	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
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78	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
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80	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
81	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
82	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
83	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
84	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
85	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
86	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
87	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
88	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
89	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
91	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
92	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
93	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
94	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
95	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
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101	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
102	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
103	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
104	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
105	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
106	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
107	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																	
108	.	.	.</																															

USAFETAC FORM 0265 (OL A)  
REvised PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 04

415

NL







## PSYCHROMETRIC SUMMARY

<u>STATION</u>	<u>STATION NAME</u>
01	WILLEM-STADT, NETHERLANDS

76-85

YEARS

42  
MONTH

FILE # 2106-243  
HOURS (I, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

76-25

**YEARS**

MONTH

29.5 1

222

HOURS (L, S, T, )

[illegible]

USAFETAC  
FORM  
JUL 64  
0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

14047

NOUR \$ 5

[illegible]

## PSYCHROMETRIC SUMMARY

**YEARS**

435

DATE: 0300-0500  
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

**JSAFETAC**

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME
	ALLI-PICTURE NETWORKS

75-44

42  
MONTH

24.5

7600-0000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
57					.1													1	1					
57					.1													1	1					
57																								
57			.3	.4														13	13	1				
57		.5	1.9	1.4	.4													2	32	13				
57		.2	2.0	.4														37	37	33				
57		.5	2.4	.3	.7													47	47	43				
57		1.4	9.6	1.4	.1													59	59	55				
57		1.3	7.7	.4														69	69	65				
57		3.4	6.7	6.6	.3													79	79	75				
57		3.6	7.9	1.0														89	89	85				
57		.1	7.8	.6	.1													99	99	95				
57		1.0	1.2	.1														109	109	105				
57		3.2	3.7	.1														119	119	115				
57		1.0	2.7															129	129	125				
57		1.5	2.7															139	139	135				
57		.7	.7															149	149	145				
57		.1	.7															159	159	155				
57																		169	169	165				
57																		179	179	175				
57																		189	189	185				
57																		199	199	195				
57																		209	209	205				
57																		219	219	215				
57																		229	229	225				
57																		239	239	235				
57																		249	249	245				
57																		259	259	255				
57																		269	269	265				
57																		279	279	275				
57																		289	289	285				
57																		299	299	295				
57																		309	309	305				
57																		319	319	315				
57																		329	329	325				
57																		339	339	335				
57																		349	349	345				
57																		359	359	355				
57																		369	369	365				
57																		379	379	375				
57																		389	389	385				
57																		399	399	395				
57																		409	409	405				
57																		419	419	415				
57																		429	429	425				
57																		439	439	435				
57																		449	449	445				
57																		459	459	455				
57																		469	469	465				
57																		479	479	475				
57																		489	489	485				
57																		499	499	495				
57																		509	509	505				
57																		519	519	515				
57																		529	529	525				
57																		539	539	535				
57																		549	549	545				
57																		559	559	555				
57																		569	569	565				
57																		579	579	575				
57																		589	589	585				
57																		599	599	595				
57																		609	609	605				
57																		619	619	615				
57																		629	629	625				
57																		639	639	635				
57																		649	649	645				
57																		659	659	655				
57																		669	669	665				
57																		679	679	675				
57																		689	689	685				
57																		699	699	695				
57																		709	709	705				
57																		719	719	715				
57																		729	729	725				
57																		739	739	735				
57																		749	749	745				
57																		759	759	755				
57																		769	769	765				
57																		779	779	775				
57																		789	789	785				
57																		799	799	795				
57																		809	809	805				
57																		819	819	815				
57																		829	829	825				
57																		839	839	835				
57																		849	849	845				
57																		859	859	855				
57																		869	869	865				
57																		879	879	875				
57																		889	889	885				
57																		899	899	895				
57																		909	909	905				
57																		919	919	915				
57																		929	929	925				
57																		939	939	935				
57																		949	949	945				
57																		959	959	955				
57																		969	969	965				
57																		979	979	975				
57																		989	989	985				
57																		999	999	995				
57																		1009	1009	1005				
57																		1019	1019	1015				
57																		1029	1029	1025				
57																								

## PSYCHROMETRIC SUMMARY

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

STATION	STATION NAME

75-44

YEARS

MONTH

100-11  
HOURS 10, 5, T.

[illegible]

USAFETAC  
FORM  
JUL 64  
0-265 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1.2 = 1.2  
HOURS (L.S.T.)

[illegible]

1. *Pharmaceutical industry*—United States—History—20th century—Congresses. I. *Pharmaceutical industry*—United States—History—20th century—Congresses. II. *Pharmaceutical industry*—United States—History—20th century—Congresses.

MONTH

— 2 —

[illegible]

## PSYCHROMETRIC SUMMARY

MONTH

HOURS 5. 5.

[illegible]

PSYCHROMETRIC :

YEARS

Page 1

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B./W.B.	Dry B.

USAFETAC FORM 0265 (CL A) 0-157 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC

YEARS

2025

[illegible]





## PSYCHROMETRIC SUMMARY

MONTH

[illegible]

**USAFETAC** FORM 026.5 (OLA)  
REV. 44  
RE-USED PREVIOUS EDITIONS OF THIS FORM ARE CANCELLED

THE UNIVERSITY OF CHICAGO  
CHICAGO, ILL. 60637  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250

MONTH

1. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

[illegible]



ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 01-27-2001 BY SP-100/2001

75-44

YEARS

• 9 2 v

MONTH

2000

100-20

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70												.1													
71										.1	.1														
72									.1	.3															
73					.1			.1	.5																
74				.1		.1		.3	.8	.1															
75					.1	.1		.4	.4									14	14						
76				.1	.1	.4		.7	.5	.1								12	12						
77					.7	.6		.6	.1									24	24	2					
78		.1		.1	.3	.3		1.0										20	20	1	1				
79		.7	.5	.4	1.7	2.1		2.0	.8									42	42	13	4				
80		.3	.4	.7	2.1	1.2		1.2	.7									46	46	27	5				
81		.7	1.3	2.1	2.3	2.0		1.0	.1									29	29	21	7				
82		.6	1.1	3.0	1.2	1.2		.5										77	77	33	12				
83		1.1	1.4	3.4	.4	1.0		.1										64	64	39	15				
84		1.6	2.0	3.4	1.7	.5		.1										75	75	103	20				
85	.3	3.1	1.7	.7	1.3	.5												84	84	115	34				
86	.4	4.3	2.7	.0	.5	.1												85	85	145	39				
87	.6	6.1	2.1	1.3	.3													5	5	96	115				
88	1.7	1.7	1.0	.4														77	77	76	178				
89		.7	.1															4	4	77	87				
90		.6	.4	.1														6	6	19	77				
91		.7																		15	40				
92																				11	46				
93																				1	55				
94																					22				
95																					12				
96																					11				
97																					6				
98	1.4	1.1	1.7	1.0	1.1	1.1	5.0	5.1	2.2	.5	.1	.1						704	704	704	704				

Element (X)	Σx'	Σx	Σ	Σ <sub>a</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3617.46	1952	66.21	7.752	769	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	20344.57	43743	56.67	7.800	769			9.9	7.4	.5		47
Wet Bulb	19954.75	38947	50.67	5.467	769			.5				67
Dew Point	15709.7	74159	44.7	6.464	769		3.0					12

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1	1.1 - 1.2
2	2.1 - 2.2
3	3.1 - 3.2
4	4.1 - 4.2
5	5.1 - 5.2
6	6.1 - 6.2
7	7.1 - 7.2
8	8.1 - 8.2
9	9.1 - 9.2
10	10.1 - 10.2
11	11.1 - 11.2
12	12.1 - 12.2
13	13.1 - 13.2
14	14.1 - 14.2
15	15.1 - 15.2
16	16.1 - 16.2
17	17.1 - 17.2
18	18.1 - 18.2
19	19.1 - 19.2
20	20.1 - 20.2
21	21.1 - 21.2
22	22.1 - 22.2
23	23.1 - 23.2
24	24.1 - 24.2
25	25.1 - 25.2
26	26.1 - 26.2
27	27.1 - 27.2
28	28.1 - 28.2
29	29.1 - 29.2
30	30.1 - 30.2
31	31.1 - 31.2
32	32.1 - 32.2
33	33.1 - 33.2
34	34.1 - 34.2
35	35.1 - 35.2
36	36.1 - 36.2
37	37.1 - 37.2
38	38.1 - 38.2
39	39.1 - 39.2
40	40.1 - 40.2
41	41.1 - 41.2
42	42.1 - 42.2
43	43.1 - 43.2
44	44.1 - 44.2
45	45.1 - 45.2
46	46.1 - 46.2
47	47.1 - 47.2
48	48.1 - 48.2
49	49.1 - 49.2
50	50.1 - 50.2
51	51.1 - 51.2
52	52.1 - 52.2
53	53.1 - 53.2
54	54.1 - 54.2
55	55.1 - 55.2
56	56.1 - 56.2
57	57.1 - 57.2
58	58.1 - 58.2
59	59.1 - 59.2
60	60.1 - 60.2
61	61.1 - 61.2
62	62.1 - 62.2
63	63.1 - 63.2
64	64.1 - 64.2
65	65.1 - 65.2
66	66.1 - 66.2
67	67.1 - 67.2
68	68.1 - 68.2
69	69.1 - 69.2
70	70.1 - 70.2
71	71.1 - 71.2
72	72.1 - 72.2
73	73.1 - 73.2
74	74.1 - 74.2
75	75.1 - 75.2
76	76.1 - 76.2
77	77.1 - 77.2
78	78.1 - 78.2
79	79.1 - 79.2
80	80.1 - 80.2
81	81.1 - 81.2
82	82.1 - 82.2
83	83.1 - 83.2
84	84.1 - 84.2
85	85.1 - 85.2
86	86.1 - 86.2
87	87.1 - 87.2
88	88.1 - 88.2
89	89.1 - 89.2
90	90.1 - 90.2
91	91.1 - 91.2
92	92.1 - 92.2
93	93.1 - 93.2
94	94.1 - 94.2
95	95.1 - 95.2
96	96.1 - 96.2
97	97.1 - 97.2
98	98.1 - 98.2
99	99.1 - 99.2
100	100.1 - 100.2

72-34

**YEAR 1**

MONT

1946-1947  
HOURS (U.S.T.)

[illegible]



CLIMATE / CLIMATOLOGY / CLIMAT-  
IC / CLIMATIC  
CLIMATE / CLIMATOLOGY / CLIMAT-  
IC / CLIMATIC

75-34

STATION

STATION NAME

YEARS

• • •

**MONTH**

04. 11. 1

100-141

HOURS (L. S. T.)

[illegible]









THE UNIVERSITY OF MICHIGAN  
LIBRARY

75-54

**YEARS**

450

23. 11. 1991

314

MLL  
HOURS 11 5 7

[illegible]

ALPHABETICALLY BY NAME  
OF THE SERVICE MAN

MO. TH

[illegible]

ALBUQUERQUE, N.M. (AP) — A federal grand jury indicted a man on charges of plotting to assassinate President John F. Kennedy in 1963.

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

[illegible]





## PSYCHROMETRIC SUMMARY

45-44

YEARS

MONTH

08-00-1      355-27-1  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
77																		1	1													
76																		4	4													
75																		4	4													
74																		7	7													
73																		5	5													
72																		5	5													
71																		5	5													
70																		5	5													
69																		5	5													
68																		5	5													
67																		5	5													
66																		5	5													
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47																		5	5													
46																		5	5													
45																		5	5													
44																		5	5													
43																		5	5													
42																		5	5													
41																		5	5													
40																		5	5													
39																																



ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
DATE 08-01-2001 BY 60322 UCBAW

75-04

YEARS

MONTH

10-7-1 2940-12  
HOURS 11, S, T

[illegible]

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 02-27-2001 BY SP4 JLC/BAJ

MONTH

100

USAFETAC  
FORM  
JUN 64  
0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Wherry (1987).

72-44

YEARS

MONTH

1000-1000  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

202-1  
HOURS 11 S. 7

[illegible]



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS 1. 5. 7.

[illegible]

USAFETAC FORM JUL 64 0 26 5 (OL A) RE-NEEDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

MONTH

HOURS . . . S . . . T . . .

USAFETAC  
FORM  
JUL 64  
0 26 5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE VOID





## PSYCHROMETRIC

YEARS

750

[illegible]

USAFETAC  
MAY 04 0 26 5 (UL A)  
RECEIVED MEMPHIS TELETYPE UNIT MAY 04 1968



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS	1	5	7
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[illegible]

**THE UNIVERSITY OF CHICAGO**

MONTH

USA FETAL 0265 (OLA) 102868 JUN 84 RE: SEC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE







1. SECRET

11-12-1964, MEMPHIS, TENN.

74-24

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

USAFETAC  
FORM  
NM 44  
0-26.5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



4000000

[illegible]

USAFETAC FORM 0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1	1000 - 1000

ii-54

YEARS

MONTH

DATE : 1970-11  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
77										.1								1	1			
76										.2								4	4			
75						.1	.1	.2	.1									6	6			
74					.1	.1	.2	.2				.1						7	7			
73				.1	.1	.2	.2	.4	.1	.1	.2							11	11			
72			.1	.2	.3	.4	.4	.7	.4	.3								11	12			
71		.1	.1	.6	1.2	1.3	.7	.1	.1									25	25	5		
70		.1	1.1	2.1	1.3	1.3	.2		.7									57	57	15		
69		.1	1.3	1.3	4.1	.4	.1											57	58	75	17	
68	.1	2.4	2.5	2.7	1.7	.4												47	47	45	7	
67		5.6	5.4	4.8	3.7	.7	.1											200	122	107	43	
66	.1	1.4	4.7	2.6	1.7	.1												151	107	115	77	
65	.1	5.1	4.1	1.8	.7	.1												98	74	155	15	
64	.7	7.3	1.3	.1														49	47	187	147	
63	.1	1.3	.7	.1														16	16	172	144	
62	.1	.1																		56	177	
61																				14	71	
60																					44	
59																					15	
58																					7	
57																					3	
56	1.1	24.72	9.23	1.1	.7	6.4	2.6	2.1	.5	.6	.2	.1						425	27	576	425	

Element (X)	Σx <sup>1</sup>	Σx	Σ	Σ <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4773.7	61444	74.4	14.225	426	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	150313	53667	64.2	5.664	427			29.1	11.0	1.0		57
Wet Bulb	294592	49372	59.9	4.047	426			6.3				37
Dew Point	2615755	40303	56.1	4.942	426			1.5				12

## PSYCHROMETRIC SUMMARY

75-194

**YEARS**

A. J. C.  
MONTI

0620-444-  
MOORE (157)

[illegible]





## PSYCHROMETRIC SUMMAR

74-024

YEARS

**MONTH**

2000-2001  
HOURS 11, 5, 7

[illegible]

USAFETAC  
FORM  
AF 44  
0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE







ALPHABETICALLY BY NAME  
OF THE  
OFFICE OF THE DIRECTOR

YEARS

MONTH

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

[illegible]



1. THE STATE OF TEXAS, County of EL PASO, do hereby certify that  
 the within and foregoing is a true and correct copy of the original  
 of the same as the same appears from the records of the County Clerk  
 of said County.

MONTH

HOURS (L. S. T.)

USAFETAC  
FORM  
AN 44  
0 26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

73-44

YEARS

MONTH

HOURS 1 2 3 4 5 6 7 8 9 10 11 12

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70.0																		2.6	2.6	3	3														
70.1		.1	1.2		.4													2.7	2.7	3.1	1														
70.2		.1	1.3		.4													4.1	4.1	4.5	1														
70.3		.1	1.4		.4															3.2															
70.4		.1	1.5		.4													4	4.4	4.7	7.4														
70.5		.1	1.6		.4													4.6	4.6	5.0	6														
70.6		.1	1.7		.4													4.7	4.7	5.1	1														
70.7		.1	1.8		.4													4.8	4.8	5.2	1														
70.8		.1	1.9		.4													4.9	4.9	5.3	1														
70.9		.1	2.0		.4													5.0	5.0	5.4	1														
71.0		.1	2.1		.4													5.1	5.1	5.5	1														
71.1		.1	2.2		.4													5.2	5.2	5.6	1														
71.2		.1	2.3		.4													5.3	5.3	5.7	1														
71.3		.1	2.4		.4													5.4	5.4	5.8	1														
71.4		.1	2.5		.4													5.5	5.5	5.9	1														
71.5		.1	2.6		.4													5.6	5.6	6.0	1														
71.6		.1	2.7		.4													5.7	5.7	6.1	1														
71.7		.1	2.8		.4													5.8	5.8	6.2	1														
71.8		.1	2.9		.4													5.9	5.9	6.3	1														
71.9		.1	3.0		.4													6.0	6.0	6.4	1														
72.0		.1	3.1		.4													6.1	6.1	6.5	1														
72.1		.1	3.2		.4													6.2	6.2	6.6	1														
72.2		.1	3.3		.4													6.3	6.3	6.7	1														
72.3		.1	3.4		.4													6.4	6.4	6.8	1														
72.4		.1	3.5		.4													6.5	6.5	6.9	1														
72.5		.1	3.6		.4													6.6	6.6	7.0	1														
72.6		.1	3.7		.4													6.7	6.7	7.1	1														
72.7		.1	3.8		.4													6.8	6.8	7.2	1														
72.8		.1	3.9		.4													6.9	6.9	7.3	1														
72.9		.1	4.0		.4													7.0	7.0	7.4	1														
73.0		.1	4.1		.4													7.1	7.1	7.5	1														
73.1		.1	4.2		.4													7.2	7.2	7.6	1														
73.																																			

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250  
OFFICE OF THE SECRETARY

1. DATE 11-11-11  
HOURS 11:51

USAFETAC FORM 0.26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION	STATION NAME	YEARS	MONTH
			1953-1954
			HOURS (U.S.T.)

USAFETAC  
FORM  
MAY 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE UNIVERSITY OF CHICAGO  
 LIBRARY  
 540 EAST 58TH STREET  
 CHICAGO, ILL. 60637

MONTH

[illegible]



## PSYCHROMETRIC SUMMARY

MONTH

[illegible]

## PSYCHROMETRIC

YEARS

PAGE

[illegible]

USAFETAC FORM 0265 (U\_L A)  
JUL 64  
REPLACES PREVIOUS EDITIONS OF THIS FORM AND IS THE





## PSYCHROMETRIC SUMMARY

STATION NAME

**YEARS**

MONTH

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]

**USAFETAC** HQBME  
JUL 04 0 26 S (OL A) 87-522 MSG+X US B CATIONS 107 PMS 94-000 ABZ 1 2 1178

## PSYCHROMETRIC SUMMARY

MONTH

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

MONTH

HOURS 11.59.1

ALABAMA  
JAN 1964  
AT THE UNIVERSITY OF ALABAMA

1000-2700  
HOURS L. S. Y.

[illegible]

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 07-25-2001 BY SP-10/00

MONTH

HOURS (L. S. T.)

USAFETAC  
FORM  
JAN 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE







AT STATION SERVICE AREA

1970-1711  
HOURS (L. S. T.)

USAFETAC  
FORM  
JUL 64  
0.26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC  
FORM  
JAN 64  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

UNITED STATES DEPARTMENT OF AGRICULTURE  
WASHINGTON, D. C. 20250  
OFFICE OF THE SECRETARY

YEARS

MONTH

7-00-11  
HOURS 11.5.1

[illegible]

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 07-10-2001 BY 60322 UCBAW/PAC

[illegible]











RECEIVED  
SEP 18 1964

7-1-51

$$\frac{\Delta L L}{\Delta O N T \uparrow}$$

ALL  
HOURS 16.1

[illegible]







# MEANS AND STANDARD DEVIATIONS

| STATION   |           | STATION NAME |      |      |      |      |       |      |      |       |       |       |       | YEARS  |       |
|-----------|-----------|--------------|------|------|------|------|-------|------|------|-------|-------|-------|-------|--------|-------|
| HRS       | LS T      | JAN          | FEB  | MAR  | APR  | MAY  | JUN   | JUL  | AUG  | SEP   | OCT   | NOV   | DEC   | ANNUAL |       |
| -         | MEAN      | 8.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |
| -         | MEAN      | 1.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |
| -         | MEAN      | 1.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |
| -11       | MEAN      | 1.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |
| 1-1       | MEAN      | 1.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |
| -         | MEAN      | 1.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |
| -         | MEAN      | 1.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |
| 1-2       | MEAN      | 1.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |
| ALL HOURS | MEAN      | 1.1          | 1.1  | 2.5  | 5.0  | 44.4 | 1.5   | 4.0  | 14.0 | 1.1   | 41.1  | 4.2   | 14.1  | 41.1   | 41.1  |
|           | S D       | 0.4          | 0.77 | 1.13 | 0.18 | 0.11 | 0.271 | 0.37 | 0.39 | 0.377 | 1.113 | 1.773 | 0.111 | 1.084  | 1.084 |
|           | TOTAL OBS | 7            | 744  | 742  | 777  | 777  | 777   | 777  | 777  | 777   | 777   | 777   | 777   | 777    | 777   |

AL CLIMATOLOGICAL  
TAC  
FATHER SERVICE, MAC

# RELATIVE HUMIDITY

STATION

IL E-HIEN NETHERLANDS  
STATION NAME

76-85

PERIOD

JAN  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |      |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------------------------------|-----------------------|------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%                          |                       |      |
| 1-2    |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.9  | 99.3 | 97.1 | 91.2 | 89.5                         | 91.3                  | 821  |
| 1-05   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 98.2 | 93.7 | 72.7                         | 91.9                  | 825  |
| 1-08   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.9 | 91.9 | 77.5                         | 92.4                  | 826  |
| 1-11   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.1 | 91.2 | 72.2                         | 91.7                  | 797  |
| 1-14   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 90.9 | 75.6 | 46.6                         | 86.8                  | 790  |
| 1-17   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 97.7 | 91.0 | 73.0 | 42.3                         | 85.4                  | 797  |
| 1-20   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 96.2 | 85.0 | 59.2                         | 89.2                  | 824  |
| 1-23   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 97.3 | 90.9 | 67.2                         | 91.0                  | 816  |
|        |                |  |       |       |       |       |      |      |      |                              |                       |      |
|        |                |  |       |       |       |       |      |      |      |                              |                       |      |
|        |                |  |       |       |       |       |      |      |      |                              |                       |      |
|        |                |  |       |       |       |       |      |      |      |                              |                       |      |
|        |                |  |       |       |       |       |      |      |      |                              |                       |      |
| TOTALS |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 95.9 | 85.8 | 63.4                         | 90.1                  | 6456 |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

STATION NAME

76-95

554

PERIOD

MONITORING

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH   | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |      |
|---------|--------------|--|-------|-------|-------|------|------|------|------|------------------------------|------------------------|------|
|         |              | 10   | 20%   | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  |                              |                        | 90%  |
| 1-5-02  |              | 100.0  | 100.0 | 100.0 | 100.0 | 99.6 | 98.7 | 96.1 | 87.5 | 55.8                         | 99.4                   | 767  |
| 1-9-03  |              | 100.0  | 100.0 | 100.0 | 100.0 | 99.6 | 99.1 | 96.5 | 89.4 | 65.1                         | 90.7                   | 764  |
| 1-10-03 |              | 100.0  | 100.0 | 100.0 | 100.0 | 99.5 | 99.1 | 97.1 | 91.6 | 72.9                         | 91.6                   | 763  |
| 1-11-03 |              | 100.0  | 100.0 | 100.0 | 100.0 | 99.5 | 97.7 | 93.9 | 82.4 | 61.1                         | 88.9                   | 755  |
| 1-14-03 |              | 100.0  | 100.0 | 100.0 | 99.5  | 96.0 | 89.4 | 73.4 | 54.6 | 32.3                         | 80.0                   | 771  |
| 1-17-03 |              | 100.0  | 100.0 | 100.0 | 98.9  | 93.8 | 83.1 | 66.1 | 47.2 | 26.9                         | 77.0                   | 746  |
| 1-21-03 |              | 100.0  | 100.0 | 100.0 | 99.6  | 98.2 | 95.1 | 86.5 | 68.1 | 37.9                         | 93.9                   | 771  |
| 1-23-03 |              | 100.0  | 100.0 | 100.0 | 100.0 | 99.3 | 97.8 | 94.2 | 89.4 | 52.0                         | 97.9                   | 744  |
|         |              |  |       |       |       |      |      |      |      |                              |                        |      |
|         |              |  |       |       |       |      |      |      |      |                              |                        |      |
|         |              |  |       |       |       |      |      |      |      |                              |                        |      |
| TOTALS  |              | 100.0  | 100.0 | 100.0 | 99.8  | 98.2 | 95.0 | 88.0 | 75.2 | 50.2                         | 86.2                   | 6081 |



## RELATIVE HUMIDITY

4 A K

STATION

STATION NAME

PERIOD

MONITORING

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                         |
| 10-02  | 100.0          | 100.0  | 100.0 | 100.0 | 99.9  | 99.5 | 97.7 | 93.3 | 83.5 | 61.9 | 38.9                         | 341                     |
| 11-01  | 100.0          | 100.0  | 100.0 | 100.0 | 99.8  | 99.5 | 97.4 | 87.4 | 67.2 | 45.6 | 33.2                         | 332                     |
| 11-06  | 100.0          | 100.0  | 100.0 | 100.0 | 100.0 | 99.4 | 97.5 | 89.3 | 75.9 | 51.3 | 33.5                         | 335                     |
| 11-11  | 100.0          | 100.   | 100.0 | 99.9  | 98.9  | 96.3 | 87.7 | 71.7 | 46.8 | 27.6 | 15.5                         | 315                     |
| 11-14  | 100.0          | 100.0  | 99.4  | 96.0  | 92.8  | 79.9 | 63.2 | 38.8 | 22.2 | 14.5 | 8.6                          | 336                     |
| 11-17  | 100.0          | 100.0  | 99.4  | 96.5  | 89.3  | 72.0 | 51.6 | 34.0 | 18.7 | 11.4 | 6.0                          | 318                     |
| 11-20  | 100.0          | 100.0  | 99.4  | 99.1  | 95.1  | 87.6 | 73.0 | 50.5 | 28.5 | 14.9 | 8.1                          | 321                     |
| 11-23  | 100.0          | 100.0  | 100.0 | 99.9  | 98.5  | 96.2 | 89.3 | 73.2 | 48.2 | 25.7 | 14.0                         | 340                     |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
|        |                |  |       |       |       |      |      |      |      |      |                              |                         |
| TOTALS | 100.0          | 100.0  | 99.9  | 99.2  | 96.6  | 91.1 | 81.4 | 66.1 | 45.7 | 33.4 | 22.5                         | 3625                    |

FORM  
158-A4

0-87.5 (OL A)

AL CLIMATELOGY AND  
ETAC  
METEOROLOGICAL SERVICE A/C

# RELATIVE HUMIDITY

STATION: WILHELM - IJORN NETHERLANDS

75-64

20

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|--------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
|        |              | 10   | 20    | 30    | 40    | 50    | 60   | 70   | 80   | 90   |                              |                       |
| 1-01   | 1-01         | 100.0  | 100.0 | 100.0 | 100.0 | 99.8  | 97.6 | 92.2 | 80.3 | 50.5 | 97.3                         | 606                   |
| 1-02   | 1-02         | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.0 | 85.7 | 64.9 | 96.0                         | 797                   |
| 1-03   | 1-03         | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 96.7 | 85.0 | 60.2 | 89.7                         | 788                   |
| 1-04   | 1-04         | 100.0  | 100.0 | 100.0 | 98.5  | 92.4  | 80.2 | 63.5 | 40.2 | 21.6 | 75.2                         | 768                   |
| 1-05   | 1-05         | 100.0  | 99.9  | 99.5  | 91.5  | 72.8  | 54.6 | 34.0 | 19.0 | 10.1 | 63.0                         | 791                   |
| 1-06   | 1-06         | 100.0  | 99.9  | 98.0  | 87.7  | 67.7  | 45.3 | 31.4 | 17.0 | 7.6  | 61.1                         | 730                   |
| 1-07   | 1-07         | 100.0  | 100.0 | 99.7  | 95.0  | 80.1  | 62.4 | 43.6 | 26.2 | 13.2 | 67.7                         | 717                   |
| 1-08   | 1-08         | 100.0  | 100.0 | 100.0 | 99.7  | 97.9  | 90.2 | 77.4 | 58.3 | 26.8 | 80.6                         | 798                   |
|        |              |  |       |       |       |       |      |      |      |      |                              |                       |
|        |              |  |       |       |       |       |      |      |      |      |                              |                       |
|        |              |  |       |       |       |       |      |      |      |      |                              |                       |
|        |              |  |       |       |       |       |      |      |      |      |                              |                       |
|        |              |  |       |       |       |       |      |      |      |      |                              |                       |
| TOTALS |              | 100.0  | 100.0 | 99.0  | 90.6  | 89.8  | 74.6 | 67.1 | 51.5 | 31.9 | 76.7                         | 6315                  |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

U.S. AIR FORCE  
 AIRCRAFT SERVICE AREA

# RELATIVE HUMIDITY

STATION: WILHELMIA, NETHERLANDS PERIOD: 75-84 DAY: 1 MONTH: 1

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                        |
| 1      | 1-6            | 100.0  | 100.0 | 100.0 | 100.0 | 99.3 | 98.2 | 93.3 | 74.5 | 51.5 | 46.7                         | 611                    |
|        | 7-12           | 100.0  | 100.0 | 100.0 | 100.0 | 99.5 | 97.8 | 95.0 | 83.6 | 62.1 | 49.1                         | 76                     |
|        | 13-18          | 100.0  | 100.0 | 100.0 | 100.0 | 99.5 | 97.7 | 91.8 | 74.0 | 51.8 | 45.7                         | 795                    |
|        | 19-24          | 100.0  | 100.0 | 100.0 | 97.5  | 88.5 | 73.1 | 54.1 | 30.7 | 14.9 | 21.2                         | 765                    |
|        | 25-30          | 100.0  | 100.0 | 98.5  | 87.4  | 70.8 | 58.1 | 33.3 | 17.5 | 7.8  | 61.0                         | 797                    |
|        | 31             | 100.0  | 99.9  | 97.8  | 85.2  | 66.4 | 43.9 | 27.6 | 14.1 | 6.2  | 59.8                         | 757                    |
|        | 1-5            | 100.0  | 100.0 | 99.6  | 91.8  | 73.0 | 60.3 | 43.3 | 22.5 | 12.6 | 66.3                         | 749                    |
|        | 6-10           | 100.0  | 100.0 | 100.0 | 99.5  | 96.5 | 89.0 | 76.4 | 55.4 | 31.0 | 40.0                         | 775                    |
|        | 11-15          |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 16-20          |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 21-25          |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 26-30          |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 31             |  |       |       |       |      |      |      |      |      |                              |                        |
| TOTALS |                | 100.0  | 100.0 | 99.6  | 95.2  | 87.3 | 76.0 | 63.0 | 46.6 | 29.8 | 75.1                         | 6211                   |



AD A159 883

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY 'LISOC'S'

55

GILZE-RIJEN NETHERLANDS(U) AIR FORCE ENVIRONMENTAL

TECHNICAL APPLICATIONS CENTER SCOTT A. 05 AUG 85

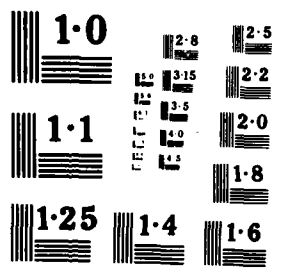
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4

U.S. AIR FORCE CLIMATOLOGY BRANCH  
AFETAC  
U.S. AIR FORCE WEATHER SERVICE/AFAC

## RELATIVE HUMIDITY

STATION 100E-HIJON N IBERLANDS  
STATION NAME

75-84

PERIOD

AUG

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%  |                              |                       |
| 8-01   | 1              | 100.0  | 100.0 | 100.0 | 100.0 | 99.0  | 98.1 | 94.9 | 82.2 | 53.7 | 88.1                         | 82                    |
| 8-08   | 1              | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 97.8 | 90.9 | 70.8 | 91.1                         | 81                    |
| 8-09   | 1              | 100.0  | 100.0 | 100.0 | 100.0 | 99.6  | 99.0 | 96.9 | 87.3 | 64.9 | 90.2                         | 83                    |
| 8-11   | 1              | 100.0  | 100.0 | 99.5  | 98.2  | 93.8  | 83.8 | 62.2 | 34.1 | 14.6 | 74.4                         | 82                    |
| 8-14   | 1              | 100.0  | 99.0  | 97.3  | 93.4  | 79.4  | 48.8 | 24.6 | 11.6 | 5.2  | 61.3                         | 80                    |
| 8-17   | 1              | 100.0  | 99.3  | 96.4  | 90.5  | 77.1  | 38.1 | 21.3 | 10.4 | 3.5  | 58.4                         | 80                    |
| 8-20   | 1              | 100.0  | 99.6  | 98.0  | 94.8  | 85.6  | 64.0 | 39.9 | 16.8 | 6.2  | 66.1                         | 82                    |
| 8-23   | 1              | 100.0  | 100.0 | 100.0 | 99.5  | 98.1  | 94.8 | 87.4 | 59.8 | 26.0 | 82.2                         | 82                    |
|        |                |  |       |       |       |       |      |      |      |      |                              |                       |
|        |                |  |       |       |       |       |      |      |      |      |                              |                       |
|        |                |  |       |       |       |       |      |      |      |      |                              |                       |
|        |                |  |       |       |       |       |      |      |      |      |                              |                       |
|        |                |  |       |       |       |       |      |      |      |      |                              |                       |
| TOTALS |                | 100.0  | 99.8  | 98.9  | 97.1  | 91.6  | 78.2 | 65.6 | 49.1 | 30.6 | 76.5                         | 654                   |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

4.

JOINT CLIMATOLOGY BRANCH  
AFETAC  
AF WEATHER SERVICE/AFAC

## RELATIVE HUMIDITY

STATION

WILHELMIA, NETHERLANDS

STATION NAME

75-84

PERIOD

SEP  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOT<br>NO<br>OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%  |                              |                  |
| 01-02  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.9 | 92.3 | 66.7 | 91.1                         | 8                |
| 03-05  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.4 | 95.8 | 79.0 | 92.7                         | 8                |
| 06-08  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 96.8 | 77.6 | 92.7                         | 8                |
| 09-11  |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.4  | 93.7 | 87.7 | 85.0 | 24.4 | 81.0                         | 7                |
| 12-14  |                | 100.0  | 100.0 | 100.0 | 99.3  | 90.9  | 64.2 | 44.1 | 22.0 | 10.2 | 68.5                         | 8                |
| 15-17  |                | 100.0  | 100.0 | 100.0 | 97.9  | 83.9  | 53.5 | 34.0 | 19.6 | 8.5  | 65.5                         | 8                |
| 18-20  |                | 100.0  | 100.0 | 100.0 | 99.6  | 97.1  | 87.2 | 68.8 | 39.1 | 17.7 | 76.4                         | 8                |
| 21-23  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 97.4 | 80.3 | 43.8 | 87.5                         | 8                |
|        |                |  |       |       |       |       |      |      |      |      |                              |                  |
|        |                |  |       |       |       |       |      |      |      |      |                              |                  |
|        |                |  |       |       |       |       |      |      |      |      |                              |                  |
|        |                |  |       |       |       |       |      |      |      |      |                              |                  |
| TOTALS |                | 100.0  | 100.0 | 100.0 | 99.6  | 96.4  | 87.1 | 78.1 | 62.7 | 41.9 | 82.0                         | 64               |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)



### RELATIVE HUMIDITY

STATION

WILDE-RIJEN NETHERLANDS

STATION NAME

75-04

PERIOD

UCT

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |       |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%   | 70%  | 80%  | 90%  |                              |                        |
| 10-07  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 98.6 | 93.0 | 71.9 | 91.8                         | 84                     |
| 11-09  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 98.8 | 94.2 | 74.1 | 92.7                         | 85                     |
| 12-02  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 95.9 | 82.1 | 93.3                         | 67                     |
| 12-11  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.3  | 95.1 | 77.6 | 51.3 | 98.0                         | 83                     |
| 12-14  |                | 100.0  | 100.0 | 100.0 | 100.0 | 98.8  | 86.4  | 66.4 | 36.0 | 19.0 | 75.9                         | 85                     |
| 12-17  |                | 100.0  | 100.0 | 100.0 | 100.0 | 97.8  | 84.0  | 62.4 | 31.6 | 16.0 | 74.5                         | 82                     |
| 12-22  |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.6  | 98.7  | 92.3 | 68.2 | 35.6 | 85.0                         | 84                     |
| 12-23  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.4  | 97.1 | 85.7 | 59.4 | 89.5                         | 62                     |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
| TOTALS |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.5  | 95.9  | 88.7 | 72.8 | 51.8 | 86.3                         | 669                    |

GENERAL CLIMATOLOGY BRANCH  
METEOROLOGICAL  
NATIONAL WEATHER SERVICE

## RELATIVE HUMIDITY

STATION

AL E-RINJA NETHERLANDS  
STATION NAME

75-24

PERIOD

NOV  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |       |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-----------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%   | 70%  | 80%  | 90%  |                              |                       |
| 10-01  |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.9  | 99.6  | 98.0 | 87.4 | 69.0 | 91.2                         | 817                   |
| 11-01  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.9  | 98.4 | 90.5 | 73.9 | 92.0                         | 813                   |
| 12-01  |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 92.5 | 74.8 | 92.6                         | 825                   |
| 1-11   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.8  | 96.6 | 86.0 | 62.6 | 90.0                         | 815                   |
| 1-14   |                | 100.0  | 100.0 | 100.0 | 99.9  | 99.6  | 96.2  | 84.7 | 58.3 | 33.4 | 83.0                         | 813                   |
| 1-17   |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.5  | 96.6  | 83.5 | 59.2 | 31.0 | 82.8                         | 797                   |
| 1-21   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.4  | 96.0 | 80.3 | 54.0 | 88.4                         | 798                   |
| 1-23   |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.1  | 97.6 | 85.6 | 66.7 | 90.3                         | 797                   |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
|        |                |  |       |       |       |       |       |      |      |      |                              |                       |
| TOTALS |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.9  | 98.9  | 94.2 | 80.0 | 58.2 | 86.8                         | 6465                  |

USAFETAC

FORM  
IUL 54

0-87-5 (OL A)

## RELATIVE HUMIDITY

| STATION | STATION NAME             |
|---------|--------------------------|
| 1       | WILHELM-RUIG NETHERLANDS |

75-94

OF C  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |       |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%   | 70%  | 80%  | 90%  |                              |                        |
| 6-6    | 6-20           | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.9  | 99.6 | 93.5 | 76.1 | 92.6                         | 827                    |
|        | 7-20           | 100.0  | 100.0 | 100.  | 100.0 | 100.0 | 99.8  | 99.4 | 92.2 | 75.1 | 92.0                         | 611                    |
|        | 8-20           | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.8  | 98.8 | 91.4 | 76.4 | 92.3                         | 833                    |
|        | 9-11           | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.7 | 90.7 | 70.8 | 91.6                         | 609                    |
|        | 10-14          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 98.8  | 95.1 | 78.0 | 51.2 | 87.9                         | 832                    |
|        | 11-17          | 100.0  | 100.0 | 100.0 | 100.0 | 99.8  | 96.8  | 93.6 | 77.2 | 50.2 | 87.5                         | 607                    |
|        | 12-1           | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 98.2 | 90.3 | 69.6 | 91.0                         | 617                    |
|        | 1-23           | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.7  | 98.7 | 93.4 | 74.7 | 92.3                         | 709                    |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
|        |                |  |       |       |       |       |       |      |      |      |                              |                        |
| TOTALS |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 97.6 | 88.3 | 69.0 | 91.0                         | 4535                   |

4  
JUNIOR CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MNAC

# RELATIVE HUMIDITY

STATION

ILIE-HIJEN NETHERLANDS  
STATION NAME

75-85

PERIOD

ALL  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90%  |                              |                        |
| JAN    | ALL            | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 95.4 | 85.8 | 63.4 | 90.0                         | 6456                   |
| FEB    |                | 100.0  | 100.0 | 100.0 | 99.8  | 98.2  | 95.0 | 88.0 | 75.2 | 50.9 | 86.2                         | 6041                   |
| MAR    |                | 100.0  | 100.0 | 99.7  | 99.2  | 96.6  | 91.1 | 81.4 | 66.1 | 45.3 | 83.4                         | 6625                   |
| APR    |                | 100.0  | 100.0 | 99.8  | 96.5  | 88.8  | 76.6 | 67.1 | 51.5 | 31.9 | 76.9                         | 6315                   |
| MAY    |                | 100.0  | 100.0 | 99.5  | 95.2  | 87.3  | 76.0 | 63.9 | 46.6 | 29.8 | 75.0                         | 6211                   |
| JUN    |                | 100.0  | 100.0 | 99.2  | 96.5  | 90.1  | 77.8 | 64.4 | 45.7 | 27.4 | 75.6                         | 6008                   |
| JUL    |                | 100.0  | 99.7  | 99.1  | 97.3  | 90.9  | 79.4 | 65.9 | 47.7 | 27.4 | 76.2                         | 6234                   |
| AUG    |                | 100.0  | 99.8  | 98.9  | 97.1  | 90.6  | 76.2 | 65.6 | 49.1 | 30.6 | 76.5                         | 6541                   |
| SEP    |                | 100.0  | 100.0 | 100.0 | 99.5  | 96.4  | 87.1 | 78.1 | 62.7 | 41.9 | 82.0                         | 6466                   |
| OCT    |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.5  | 95.9 | 88.7 | 72.8 | 51.8 | 86.3                         | 6693                   |
| NOV    |                | 100.0  | 100.0 | 100.0 | 100.0 | 99.9  | 98.9 | 94.2 | 80.0 | 58.2 | 88.3                         | 6465                   |
| DEC    |                | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.6 | 88.3 | 68.0 | 91.0                         | 6535                   |
| TOTALS |                | 100.0  | 100.0 | 99.7  | 98.0  | 94.9  | 86.1 | 79.2 | 64.3 | 43.9 | 82.3                         | 76630                  |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

## PART :

## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

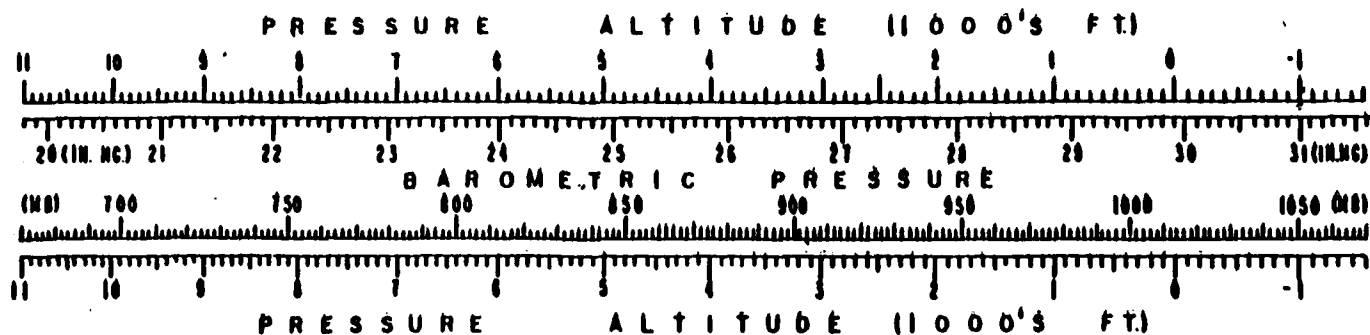
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.





## RELATIVE HUMIDITY

STATION

### ALL E-SIGNS AT THE PLAZAS

75-24

۱۱۱

STATION NAME

PERIOD

MONITORING

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
|        |                | 10%  | 20%   | 30%   | 40%   | 50%   | 60%  | 70%  | 80%  | 90   |                              |                        |
| JUL    | 0-02           | 100.0  | 100.0 | 100.0 | 100.0 | 99.7  | 98.1 | 94.3 | 82.5 | 49.1 | 17.8                         | 794                    |
|        | 3-05           | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 98.7 | 99.8 | 66.7 | 11.0                         | 776                    |
|        | 6-08           | 100.0  | 100.0 | 100.0 | 99.9  | 99.7  | 98.5 | 94.9 | 82.4 | 53.9 | 34.4                         | 775                    |
|        | 9-11           | 100.0  | 100.0 | 99.5  | 98.3  | 95.6  | 93.4 | 61.2 | 32.5 | 13.8 | 73.7                         | 773                    |
|        | 12-14          | 100.0  | 99.2  | 97.7  | 95.5  | 79.7  | 51.0 | 31.5 | 15.7 | 5.1  | 63.1                         | 794                    |
|        | 15-17          | 100.0  | 98.7  | 96.8  | 91.3  | 70.2  | 47.6 | 26.5 | 11.7 | 4.3  | 60.3                         | 761                    |
|        | 18-20          | 100.0  | 99.3  | 97.8  | 95.4  | 85.3  | 62.8 | 37.7 | 15.1 | 5.4  | 65.5                         | 767                    |
|        | 21-23          | 100.0  | 100.0 | 99.8  | 98.5  | 97.6  | 94.3 | 83.0 | 51.8 | 20.0 | 79.9                         | 600                    |
|        |                |  |       |       |       |       |      |      |      |      |                              |                        |
|        |                |  |       |       |       |       |      |      |      |      |                              |                        |
|        |                |  |       |       |       |       |      |      |      |      |                              |                        |
|        |                |  |       |       |       |       |      |      |      |      |                              |                        |
| TOTALS |                | 100.0  | 99.7  | 99.0  | 97.3  | 90.9  | 74.4 | 65.0 | 47.7 | 27.4 | 76.2                         | 6234                   |

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